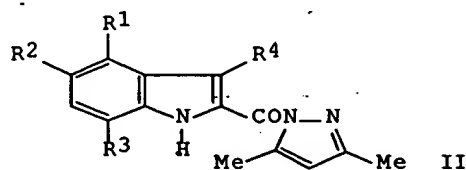
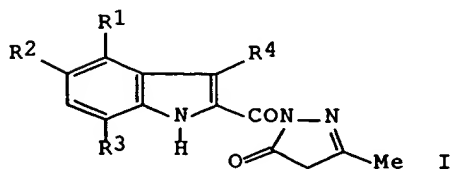
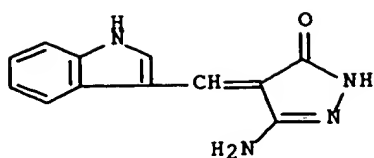


L4 ANSWER 135 OF 190 CAPLUS COPYRIGHT 2001 ACS
 AN 1989:212675 CAPLUS
 DN 110:212675
 TI Synthesis of various pyrazole-1-carbonylindoles
 AU Hiremath, Shivayogi P.; Ullagaddi, Ashok; Sekhar, K. Raja; Purohit, Muralidhar G.
 CS Dep. Chem., Gulbarga Univ., Gulbarga, 585 106, India
 SO Indian J. Chem., Sect. B (1988), 27B(8), 758-62
 CODEN: IJSBDB; ISSN: 0376-4699
 DT Journal
 LA English
 OS CASREACT 110:212675
 GI

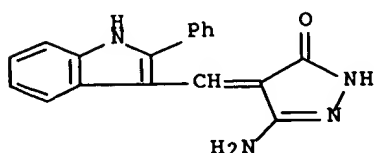


AB 2-Indolecarbohydrazides were treated with MeCOCH2CO2Et to give
 pyrazolinones I (R1 = H, Me; R2 = OMe, Me, Cl, Br, H, OEt; R3 = H, Me; R4
 =
 Me, Ph, H). Pyrazoles II were prepd. from hydrazides and MeCOCH2COMe.
 IT 69008-55-5P 120607-77-4P 120607-78-5P
 120607-79-6P 120607-80-9P 120607-81-0P
 120607-95-6P 120607-96-7P 120607-97-8P
 120607-98-9P
 RL: SPN (Synthetic preparation); PREP (Preparation)
 (prepn. of)
 RN 69008-55-5 CAPLUS
 CN 3H-Pyrazol-3-one, 5-amino-2,4-dihydro-4-(1H-indol-3-ylmethylene)- (9CI)
 (CA INDEX NAME)



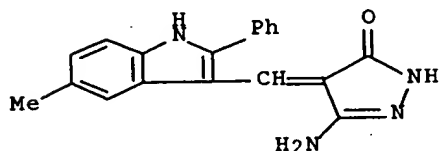
RN 120607-77-4 CAPLUS

CN 3H-Pyrazol-3-one, 5-amino-2,4-dihydro-4-[(2-phenyl-1H-indol-3-yl)methylene]- (9CI) (CA INDEX NAME)



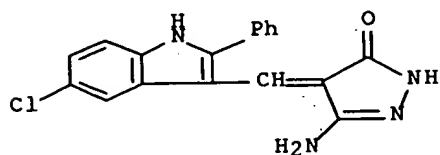
RN 120607-78-5 CAPLUS

CN 3H-Pyrazol-3-one, 5-amino-2,4-dihydro-4-[(5-methyl-2-phenyl-1H-indol-3-yl)methylene]- (9CI) (CA INDEX NAME)



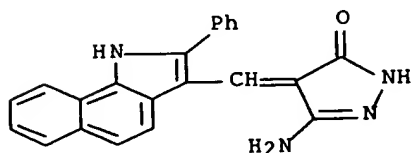
RN 120607-79-6 CAPLUS

CN 3H-Pyrazol-3-one, 5-amino-4-[(5-chloro-2-phenyl-1H-indol-3-yl)methylene]- 2,4-dihydro- (9CI) (CA INDEX NAME)

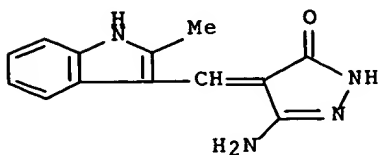


RN 120607-80-9 CAPLUS

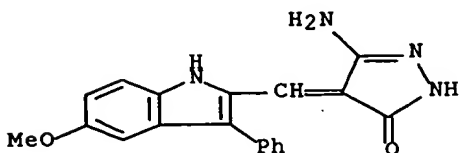
CN 3H-Pyrazol-3-one, 5-amino-2,4-dihydro-4-[(2-phenyl-1H-benz[g]indol-3-yl)methylene]- (9CI) (CA INDEX NAME)



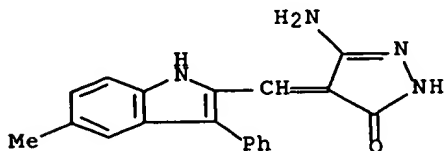
RN 120607-81-0 CAPLUS
 CN 3H-Pyrazol-3-one, 5-amino-2,4-dihydro-4-[(2-methyl-1H-indol-3-yl)methylene]- (9CI) (CA INDEX NAME)



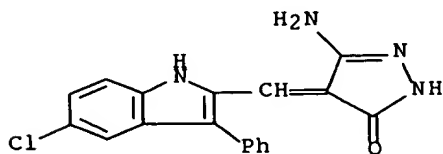
RN 120607-95-6 CAPLUS
 CN 3H-Pyrazol-3-one, 5-amino-2,4-dihydro-4-[(5-methoxy-3-phenyl-1H-indol-2-yl)methylene]- (9CI) (CA INDEX NAME)



RN 120607-96-7 CAPLUS
 CN 3H-Pyrazol-3-one, 5-amino-2,4-dihydro-4-[(5-methyl-3-phenyl-1H-indol-2-yl)methylene]- (9CI) (CA INDEX NAME)



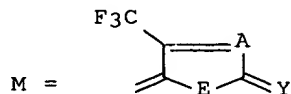
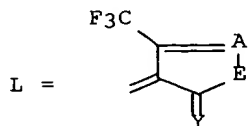
RN 120607-97-8 CAPLUS
 CN 3H-Pyrazol-3-one, 5-amino-4-[(5-chloro-3-phenyl-1H-indol-2-yl)methylene]-2,4-dihydro- (9CI) (CA INDEX NAME)



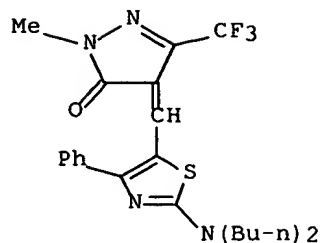
RN 120607-98-9 CAPLUS
 CN 3H-Pyrazol-3-one, 5-amino-4-[(5-bromo-3-phenyl-1H-indol-2-yl)methylene]-2,4-dihydro- (9CI) (CA INDEX NAME)

L4 ANSWER 8 OF 190 CAPLUS COPYRIGHT 2001 ACS
 AN 1999:761671 CAPLUS
 DN 131:352568
 TI Methine and azamethine dyes based on 5-membered heterocyclic compounds containing trifluoromethyl groups, and transfer printing and dyeing therewith
 IN Wuerthner, Frank; Sens, Ruediger; Schmidt, Andreas-Johann; Etzbach, Karl-Heinz; Beckmann, Stefan
 PA BASF A.-G., Germany
 SO Ger. Offen., 22 pp.
 CODEN: GWXXBX
 DT Patent
 LA German
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	DE 19920808	A1	19991118	DE 1999-19920808	19990506
	US 6107487	A	20000822	US 1999-309587	19990511
	GB 2337527	A1	19991124	GB 1999-11314	19990514
	JP 11349833	A2	19991221	JP 1999-134360	19990514
PRAI	DE 1998-19822047	A1	19980516		
OS	MARPAT 131:352568				
GI					



AB Disclosed are dyes of the type QXHet (X = N, CH; Q = arom. or heterocyclic chromophore; Het = L or M where A = N, CH, or optionally substituted C1-13-alkyl deriv. of CH; E = O, S, Se, optionally substituted imino; Y = O, S, optionally substituted imino, group from a CH acid). The dyes are suitable for use in ink-jet inks and transfer printing processes and show good stability during and after application. In an example, 2-formyl-5-piperidinothiophene is condensed with 1-methyl-3-(trifluoromethyl)-2-pyrazolin-5-one to give a pink dye.
 IT **250343-32-9P**
 RL: IMF (Industrial manufacture); TEM (Technical or engineered material use); PREP (Preparation); USES (Uses)
 (dye; prodn. of methine and azamethine dyes based on 5-membered heterocyclic compds. contg. trifluoromethyl groups for printing)
 RN 250343-32-9 CAPLUS
 CN 3H-Pyrazol-3-one, 4-[[2-(dibutylamino)-4-phenyl-5-thiazolyl]methylene]-2,4-dihydro-2-methyl-5-(trifluoromethyl)- (9CI) (CA INDEX NAME)



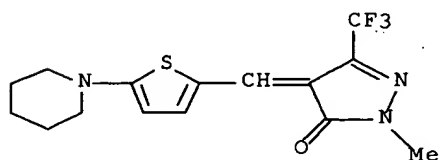
IT **250343-23-8P**

RL: IMF (Industrial manufacture); TEM (Technical or engineered material use); PREP (Preparation); USES (Uses)

(pink dye; prodn. of methine and azamethine dyes based on 5-membered heterocyclic compds. contg. trifluoromethyl groups for printing)

RN 250343-23-8 CAPLUS

CN 3H-Pyrazol-3-one, 2,4-dihydro-2-methyl-4-[[5-(1-piperidinyl)-2-thienyl]methylene]-5-(trifluoromethyl)- (9CI) (CA INDEX NAME)

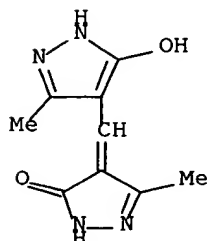


L4 ANSWER 26 OF 190 CAPLUS COPYRIGHT 2001 ACS
 AN 1998:58853 CAPLUS
 DN 128:160932
 TI Nonaqueous solid particle dye dispersion for photographic element
 IN Brick, Mary Christine; Smith, Thomas Michael; Factor, Ronda Ellen;
 Armour,
 Eugene Arthur; Bowman, Wayne Arthur
 PA Eastman Kodak Co., USA
 SO U.S., 23 pp.
 CODEN: USXXAM
 DT Patent
 LA English
 FAN.CNT 1

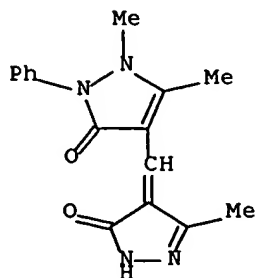
	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 5709983	A	19980120	US 1996-698413	19960815
OS	MARPAT 128:160932				

AB A photog. element is formed by (a) coating a first layer on a transparent support from a coating compn. comprising an org. solvent, an alk. aq. soln.-insol., org. solvent-sol. film-forming binder and a nonaq. solid particle dispersion of a filter dye which is substantially insol. in the org. solvent and readily sol. or decolorizable in an alk. aq. photog. processing soln. at a pH of 8 or above and (b) coating a second layer on the opposite side of the support relative to the filter dye-contg. layer from an aq. coating compn. comprising a silver halide emulsion. The nonaq. solid particle dye dispersion is prepd. by milling the dye in the presence of a nonaq. liq. in which the dye is substantially insol. to obtain a solid particle dispersion consisting of fine particles of the dye dispersed in the nonaq. liq. The present invention provides a method to incorporate a filter dye with desired absorbance characteristics for a photog. element, in a coating process that cannot tolerate a significant quantity of water.

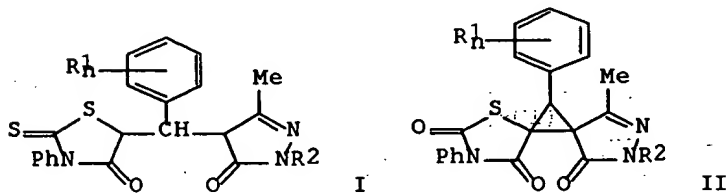
IT **188864-62-2**
 RL: DEV (Device component use); TEM (Technical or engineered material use); USES (Uses)
 (filter dye dispersed in nonaq. media for photog. films)
 RN 188864-62-2 CAPLUS
 CN 3H-Pyrazol-3-one, 2,4-dihydro-4-[(5-hydroxy-3-methyl-1H-pyrazol-4-yl)methylene]-5-methyl- (9CI) (CA INDEX NAME)



(reaction of, with pyrazolinylacrylonitriles)
 RN 111042-11-6 CAPLUS
 CN 3H-Pyrazol-3-one, 4-[(1,5-dihydro-3-methyl-5-oxo-4H-pyrazol-4-ylidene)methyl]-1,2-dihydro-1,5-dimethyl-2-phenyl- (9CI) (CA INDEX NAME)



L4 ANSWER 144 OF 190 CAPLUS COPYRIGHT 2001 ACS
 AN 1987:572278 CAPLUS
 DN 107:172278
 TI Michael addition of pyrazolone and thiazolidone to bis- and cyclopropane derivatives: their fungitoxicity study
 AU Mitra, P.; Das, N. B.; Mittra, A. S.
 CS Dep. Chem., Ravenshaw Coll., Cuttack, 753003, India
 SO Acta Cienc. Indica, Chem. (1985), 11(4), 267-72
 CODEN: ACICDV; ISSN: 0253-7338
 DT Journal
 LA English
 GI



AB Twenty I (R1 = H, OH, NO2, MeO, or Br, n = 1 or 2, R2 = H or Ph) and their cyclopropane derivs. (II) were prepd. and screened for their fungicidal activity against rice blast Pyricularia oryzae and the brown leaf-spot pathogen Helminthosporium oryzae. I were prepd. by Michael addn. of 4-benzylidene-2-pyrazolin-5-ones to 3-phenyl-2-mercapto-4-thiazolidones or by addn. of 5-benzylidene-3-phenyl-2-mercapto-4-thiazolidinones to 3-methyl-2-pyrazolin-5-one. II were prepd. by treatment of I with NaOH and I/KI soln. or by Michael addn. of 4-benzylidene-2-pyrazolin-5-ones with 5-bromo-3-phenyl-2-mercapto-4-thiazolidone. I were more active than II. Examples of some of the more active I were (R1 and R2 given): H,

Ph;

o-OH, Ph; p-OH, Ph; o-NO₂, Ph; 2,3-HO(Br), Ph; o-OH, H; and o-NO₂, H.

IT 10234-90-9 68761-49-9 68761-50-2
68761-51-3 68761-52-4 76074-81-2
91436-09-8 91436-10-1 110676-26-1
110676-27-2

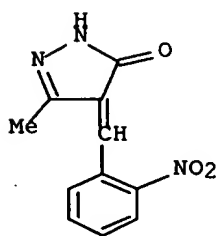
RL: RCT (Reactant)

(reaction of, with bromo(mercapto)(phenyl)thiazolidone)

RN 10234-90-9 CAPLUS

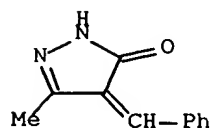
CN 3H-Pyrazol-3-one, 2,4-dihydro-5-methyl-4-[(2-nitrophenyl)methylene]-
(9CI)

(CA INDEX NAME)



RN 68761-49-9 CAPLUS

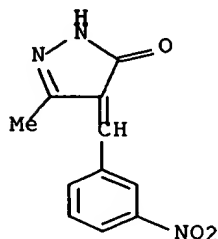
CN 3H-Pyrazol-3-one, 2,4-dihydro-5-methyl-4-(phenylmethylene)- (9CI) (CA
INDEX NAME)



RN 68761-50-2 CAPLUS

CN 3H-Pyrazol-3-one, 2,4-dihydro-5-methyl-4-[(3-nitrophenyl)methylene]-
(9CI)

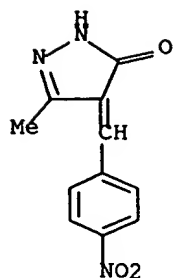
...(CA INDEX NAME)



RN 68761-51-3 CAPLUS

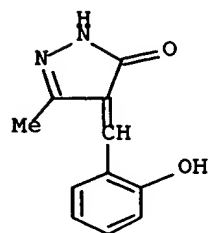
CN 3H-Pyrazol-3-one, 2,4-dihydro-5-methyl-4-[(4-nitrophenyl)methylene]-
(9CI)

(CA INDEX NAME)



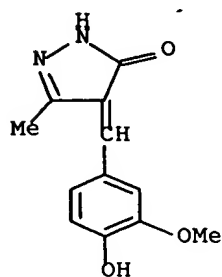
RN 68761-52-4 CAPLUS

CN 3H-Pyrazol-3-one, 2,4-dihydro-4-[(2-hydroxyphenyl)methylene]-5-methyl-
(9CI) (CA INDEX NAME)



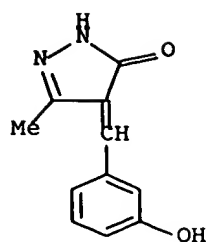
RN 76074-81-2 CAPLUS

CN 3H-Pyrazol-3-one, 2,4-dihydro-4-[(4-hydroxy-3-methoxyphenyl)methylene]-
5-methyl- (9CI) (CA INDEX NAME)

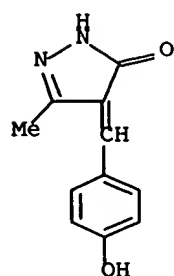


RN 91436-09-8 CAPLUS

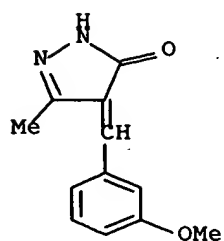
CN 3H-Pyrazol-3-one, 2,4-dihydro-4-[(3-hydroxyphenyl)methylene]-5-methyl-
(9CI) (CA INDEX NAME)



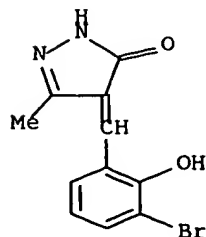
RN 91436-10-1 CAPLUS
 CN 3H-Pyrazol-3-one, 2,4-dihydro-4-[(4-hydroxyphenyl)methylene]-5-methyl-
 (9CI) (CA INDEX NAME)



RN 110676-26-1 CAPLUS
 CN 3H-Pyrazol-3-one, 2,4-dihydro-4-[(3-methoxyphenyl)methylene]-5-methyl-
 (9CI) (CA INDEX NAME)



RN 110676-27-2 CAPLUS
 CN 3H-Pyrazol-3-one, 4-[(3-bromo-2-hydroxyphenyl)methylene]-2,4-dihydro-5-
 methyl- (9CI) (CA INDEX NAME)



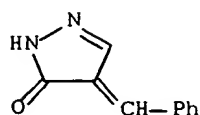
IT 110676-28-3 110676-29-4 110676-30-7
110676-31-8 110676-32-9 110676-33-0
110676-34-1 110676-35-2 110676-36-3
110676-37-4

RL: RCT (Reactant)

(reaction of, with phenyl(mercapto)thiazolidones)

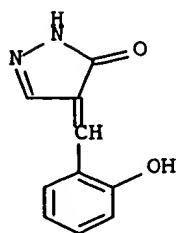
RN 110676-28-3 CAPLUS

CN 3H-Pyrazol-3-one, 2,4-dihydro-4-(phenylmethylene)- (9CI) (CA INDEX NAME)



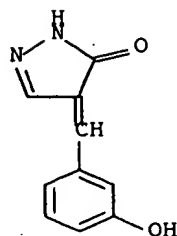
RN 110676-29-4 CAPLUS

CN 3H-Pyrazol-3-one, 2,4-dihydro-4-[(2-hydroxyphenyl)methylene]- (9CI) (CA INDEX NAME)



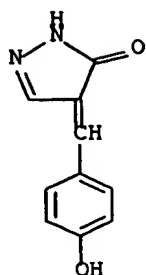
RN 110676-30-7 CAPLUS

CN 3H-Pyrazol-3-one, 2,4-dihydro-4-[(3-hydroxyphenyl)methylene]- (9CI) (CA INDEX NAME)



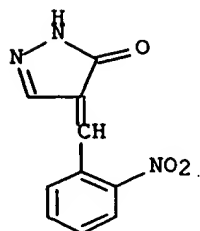
RN 110676-31-8 CAPLUS

CN 3H-Pyrazol-3-one, 2,4-dihydro-4-[(4-hydroxyphenyl)methylene]- (9CI) (CA INDEX NAME)



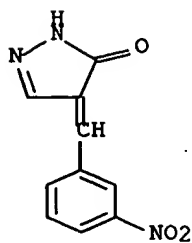
RN 110676-32-9 CAPLUS

CN 3H-Pyrazol-3-one, 2,4-dihydro-4-[(2-nitrophenyl)methylene]- (9CI) (CA INDEX NAME)



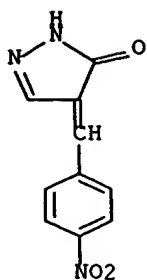
RN 110676-33-0 CAPLUS

CN 3H-Pyrazol-3-one, 2,4-dihydro-4-[(3-nitrophenyl)methylene]- (9CI) (CA INDEX NAME)



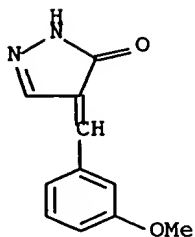
RN 110676-34-1 CAPLUS

CN 3H-Pyrazol-3-one, 2,4-dihydro-4-[(4-nitrophenyl)methylene]- (9CI) (CA INDEX NAME)



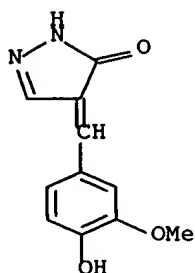
RN 110676-35-2 CAPLUS

CN 3H-Pyrazol-3-one, 2,4-dihydro-4-[(3-methoxyphenyl)methylene]- (9CI) (CA INDEX NAME)



RN 110676-36-3 CAPLUS

CN 3H-Pyrazol-3-one, 2,4-dihydro-4-[(4-hydroxy-3-methoxyphenyl)methylene]- (9CI) (CA INDEX NAME)

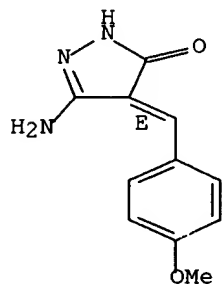


RN 110676-37-4 CAPLUS

CN 3H-Pyrazol-3-one, 4-[(3-bromo-2-hydroxyphenyl)methylene]-2,4-dihydro- (9CI) (CA INDEX NAME)

L4 ANSWER 1 OF 190 CAPLUS COPYRIGHT 2001 ACS
 AN 2001:576681 CAPLUS
 TI Utility of 3-(4-methoxyphenyl) and/or (2-thienyl)-2-cyano-2-propenoyl chloride in heterocyclic synthesis
 AU Madkour, H. M. F.; Shiba, S. A.; Sayed, H. M.; Hamed, A. A.
 CS Synthetic Org. Chem. Lab., Chem. Dept., Faculty of Science, Ain Shams University, Cairo, Egypt
 SO Sulfur Lett. (2001), 24(4), 151-179
 CODEN: SULED2; ISSN: 0278-6117
 PB Harwood Academic Publishers
 DT Journal
 LA English
 AB This paper describes the reactions of 3-(4-methoxyphenyl) and (2-thienyl)-2-cyano-2-propenoyl chloride and the roles of the cyano group and the carbonyl chloride. Amidation, esterification, condensation and cyclization reactions are described, and new quinazoline derivs. are prepd. which might have biol. activity.
 IT **367278-81-7P**
 RL: SPN (Synthetic preparation); PREP (Preparation)
 (reactions of methoxyphenyl and thienyl-cyanopropenoyl chloride to construct heterocyclic compds.)
 RN 367278-81-7 CAPLUS
 CN 3H-Pyrazol-3-one, 5-amino-2,4-dihydro-4-[(4-methoxyphenyl)methylene]-, (4E)- (9CI) (CA INDEX NAME)

Double bond geometry as shown.



RE.CNT 54

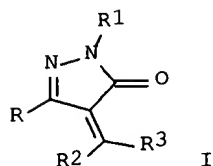
RE

- (1) Abdel-Hamid, H; Egypt J Chem 1993, V36, P363 CAPLUS
- (2) Alline, E; 1993 CAPLUS
- (5) Bombrun, A; 1998 CAPLUS
- (7) Bridges, A; 1998 CAPLUS
- (9) Chen, Y; 1996 CAPLUS

ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 2 OF 190 CAPLUS COPYRIGHT 2001 ACS
 AN 2001:338524 CAPLUS
 DN 134:340503
 TI Preparation of heterocyclylpyrazolinones as protein kinase inhibitors
 IN Singh, Jasbir; Tripathy, Rabindranath
 PA Cephalon, Inc., USA
 SO PCT Int. Appl., 138 pp.
 CODEN: PIXXD2
 DT Patent
 LA English
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2001032653	A1	20010510	WO 2000-US30226	20001101
	W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
PRAI	US 1999-163377	P	19991104		
	US 2000-702191	A	20001031		
OS	MARPAT 134:340503				
GI					



AB Title compds. e.g., I [R = (un)substituted heterocyclyl or -heteroaryl;
 R1 = H, (un)substituted alkyl, NH₂, acyl, etc.; R₂, R₃ = H, (un)substituted
 alkyl, acyl, heterocyclyl, etc.] were prepd. Thus, 2-acetylthiazole was
 condensed with CO(OEt)₂ and the product cyclocondensed with H₂NNH₂ to
 give

3-(2-thiazolyl)-2-pyrazolin-5-one which was condensed with
 indole-3-carboxaldehyde to give I (R = 2-thiazolyl, R₁ = R₂ = H, R₃ =
 3-indolyl). Data for biol. activity of I were given.

IT 324548-38-1P 324548-87-0P 324548-95-0P
 324548-98-3P 324549-00-0P 324550-75-6P
 324550-91-6P 324553-91-5P 324556-22-1P
 324556-34-5P 324557-19-9P 324557-34-8P
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 338752-96-8P 338752-98-0P 338753-00-7P
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RL: BAC (Biological activity or effector, except adverse); SPN

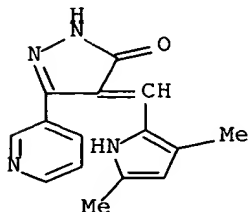
(Synthetic

preparation); THU (Therapeutic use); BIOL (Biological study); PREP
(Preparation); USES (Uses)

(prepn. of heterocyclpyrazolinones as protein kinase inhibitors)

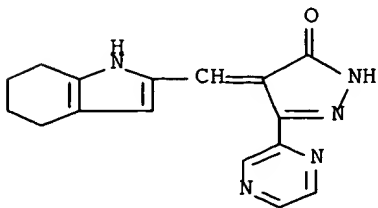
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CN 3H-Pyrazol-3-one, 4-[(3,5-dimethyl-1H-pyrrol-2-yl)methylene]-2,4-
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(3-pyridinyl)- (9CI) (CA INDEX NAME)



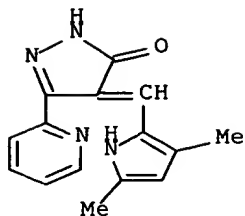
RN 324548-87-0 CAPLUS

CN 3H-Pyrazol-3-one, 2,4-dihydro-5-pyrazinyl-4-[(4,5,6,7-tetrahydro-1H-
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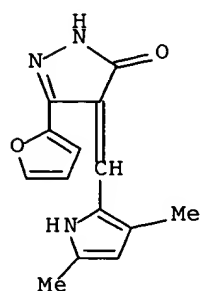
RN 324548-95-0 CAPLUS

CN 3H-Pyrazol-3-one, 4-[(3,5-dimethyl-1H-pyrrol-2-yl)methylene]-2,4-
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(2-pyridinyl)- (9CI) (CA INDEX NAME)



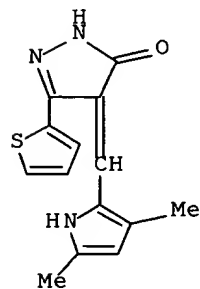
RN 324548-98-3 CAPLUS

CN 3H-Pyrazol-3-one, 4-[(3,5-dimethyl-1H-pyrrol-2-yl)methylene]-5-(2-furanyl)-
2,4-dihydro- (9CI) (CA INDEX NAME)



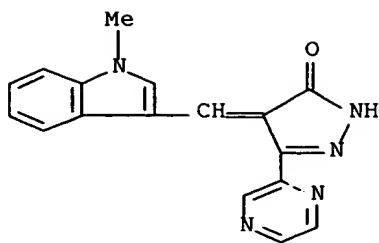
RN 324549-00-0 CAPLUS

CN 3H-Pyrazol-3-one, 4-[(3,5-dimethyl-1H-pyrrol-2-yl)methylene]-2,4-dihydro-5-
(2-thienyl)- (9CI) (CA INDEX NAME)



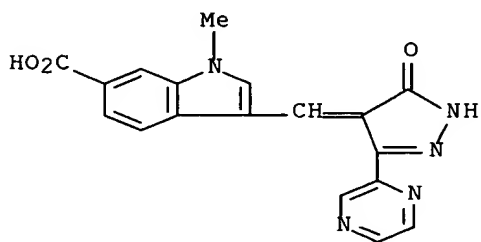
RN 324550-75-6 CAPLUS

CN 3H-Pyrazol-3-one, 2,4-dihydro-4-[(1-methyl-1H-indol-3-yl)methylene]-5-pyrazinyl- (9CI) (CA INDEX NAME)



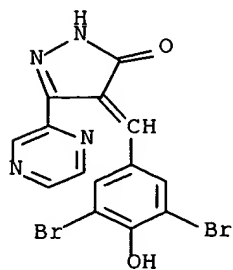
RN 324550-91-6 CAPLUS

CN 1H-Indole-6-carboxylic acid, 3-[(1,5-dihydro-5-oxo-3-pyrazinyl-4H-pyrazol-4-ylidene)methyl]-1-methyl- (9CI) (CA INDEX NAME)



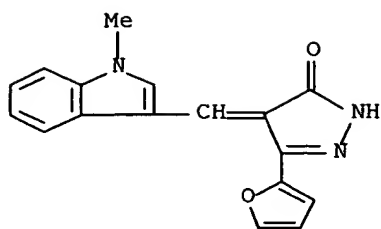
RN 324553-91-5 CAPLUS

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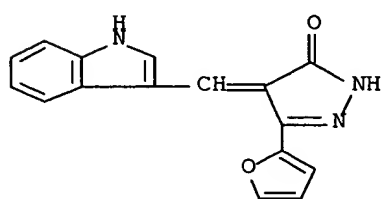


RN 324556-22-1 CAPLUS

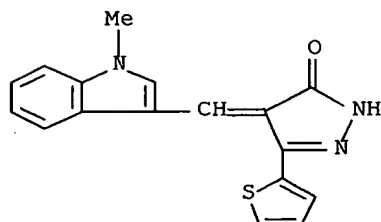
CN 3H-Pyrazol-3-one, 5-(2-furanyl)-2,4-dihydro-4-[(1-methyl-1H-indol-3-yl)methylene]- (9CI) (CA INDEX NAME)



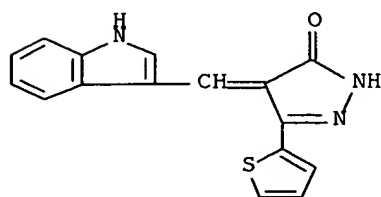
RN 324556-34-5 CAPLUS
 CN 3H-Pyrazol-3-one, 5-(2-furanyl)-2,4-dihydro-4-(1H-indol-3-ylmethylene)-
 (9CI) (CA INDEX NAME)



RN 324557-19-9 CAPLUS
 CN 3H-Pyrazol-3-one, 2,4-dihydro-4-[(1-methyl-1H-indol-3-yl)methylene]-5-
 (2-thienyl)- (9CI) (CA INDEX NAME)

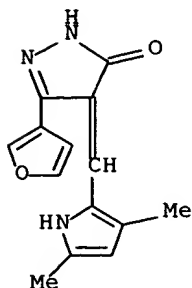


RN 324557-34-8 CAPLUS
 CN 3H-Pyrazol-3-one, 2,4-dihydro-4-(1H-indol-3-ylmethylene)-5-(2-thienyl)-
 (9CI) (CA INDEX NAME)



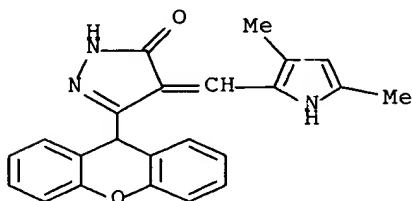
RN 338752-88-8 CAPLUS

CN 3H-Pyrazol-3-one, 4-[(3,5-dimethyl-1H-pyrrol-2-yl)methylene]-5-(3-furanyl)-
2,4-dihydro- (9CI) (CA INDEX NAME)



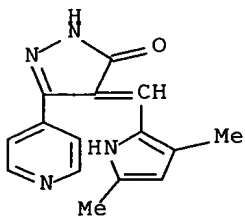
RN 338752-90-2 CAPLUS

CN 3H-Pyrazol-3-one, 4-[(3,5-dimethyl-1H-pyrrol-2-yl)methylene]-2,4-dihydro-5-(9H-xanthen-9-yl)- (9CI) (CA INDEX NAME)



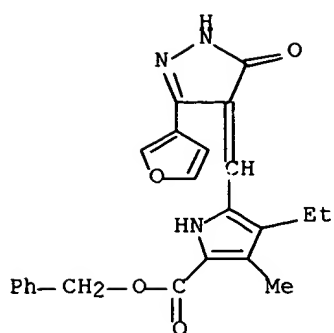
RN 338752-92-4 CAPLUS

CN 3H-Pyrazol-3-one, 4-[(3,5-dimethyl-1H-pyrrol-2-yl)methylene]-2,4-dihydro-5-(4-pyridinyl)- (9CI) (CA INDEX NAME)

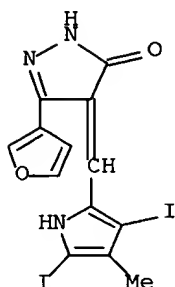


RN 338752-96-8 CAPLUS

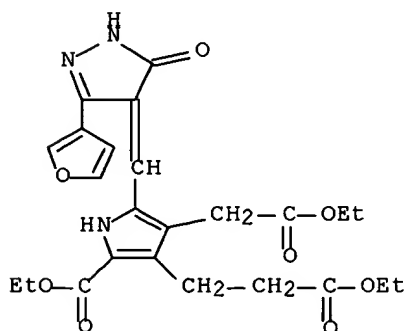
CN 1H-Pyrrole-2-carboxylic acid, 4-ethyl-5-[[[3-(3-furanyl)-1,5-dihydro-5-oxo-4H-pyrazol-4-ylidene]methyl]-3-methyl-, phenylmethyl ester (9CI) (CA INDEX NAME)



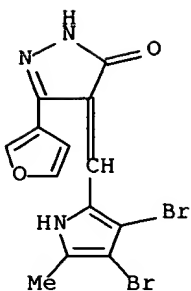
RN 338752-98-0 CAPLUS
 CN 3H-Pyrazol-3-one, 4-[(3,5-diiodo-4-methyl-1H-pyrrol-2-yl)methylene]-5-(3-furanyl)-2,4-dihydro- (9CI) (CA INDEX NAME)



RN 338753-00-7 CAPLUS
 CN 1H-Pyrrole-3-propanoic acid, 2-(ethoxycarbonyl)-4-(2-ethoxy-2-oxoethyl)-5-[[[3-(3-furanyl)-1,5-dihydro-5-oxo-4H-pyrazol-4-ylidene]methyl]-, ethyl ester (9CI) (CA INDEX NAME)

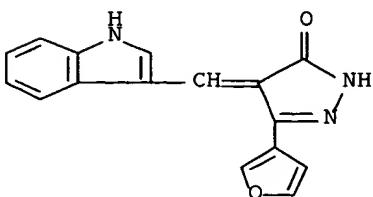


RN 338753-02-9 CAPLUS
 CN 3H-Pyrazol-3-one, 4-[(3,4-dibromo-5-methyl-1H-pyrrol-2-yl)methylene]-5-(3-furanyl)-2,4-dihydro- (9CI) (CA INDEX NAME)



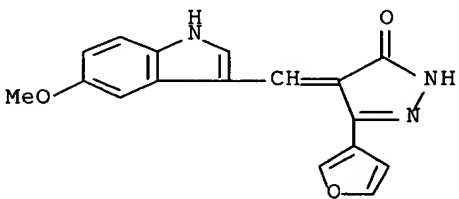
RN 338753-04-1 CAPLUS

CN 3H-Pyrazol-3-one, 5-(3-furanyl)-2,4-dihydro-4-(1H-indol-3-ylmethylene)-
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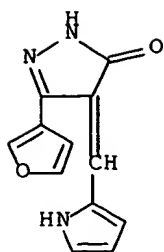
RN 338753-07-4 CAPLUS

CN 3H-Pyrazol-3-one, 5-(3-furanyl)-2,4-dihydro-4-[(5-methoxy-1H-indol-3-yl)methylene]- (9CI) (CA INDEX NAME)

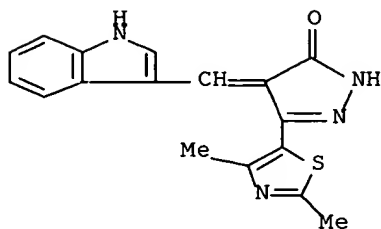


RN 338753-09-6 CAPLUS

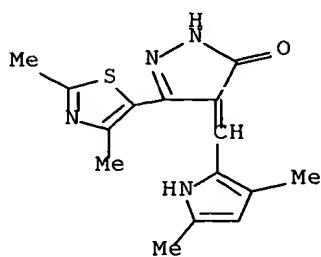
CN 3H-Pyrazol-3-one, 5-(3-furanyl)-2,4-dihydro-4-(1H-pyrrol-2-ylmethylene)-
(9CI) (CA INDEX NAME)



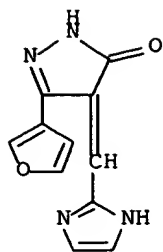
RN 338753-11-0 CAPLUS
 CN 3H-Pyrazol-3-one, 5-(2,4-dimethyl-5-thiazolyl)-2,4-dihydro-4-(1H-indol-3-ylmethylene)- (9CI) (CA INDEX NAME)



RN 338753-13-2 CAPLUS
 CN 3H-Pyrazol-3-one, 4-[(3,5-dimethyl-1H-pyrrol-2-yl)methylene]-5-(2,4-dimethyl-5-thiazolyl)-2,4-dihydro- (9CI) (CA INDEX NAME)

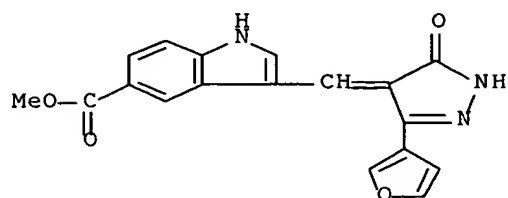


RN 338753-15-4 CAPLUS
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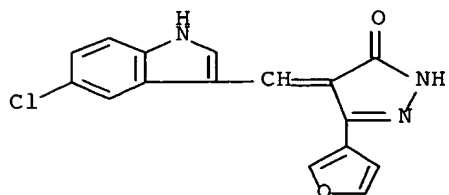
RN 338753-17-6 CAPLUS

CN 1H-Indole-5-carboxylic acid, 3-[[3-(3-furanyl)-1,5-dihydro-5-oxo-4H-pyrazol-4-ylidene]methyl]-, methyl ester (9CI) (CA INDEX NAME)



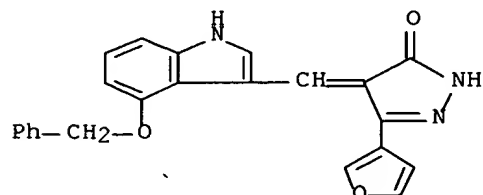
RN 338753-19-8 CAPLUS

CN 3H-Pyrazol-3-one, 4-[(5-chloro-1H-indol-3-yl)methylene]-5-(3-furanyl)-2,4-dihydro- (9CI) (CA INDEX NAME)



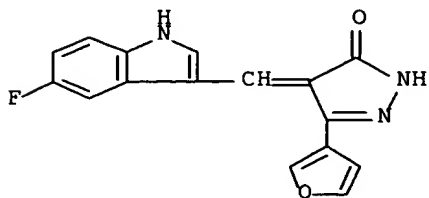
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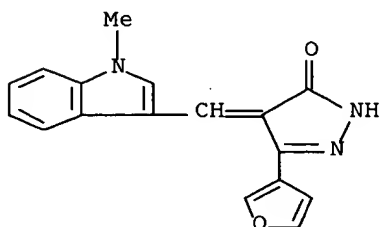


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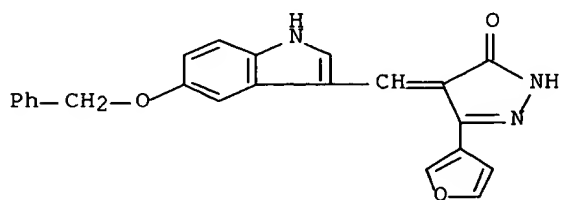
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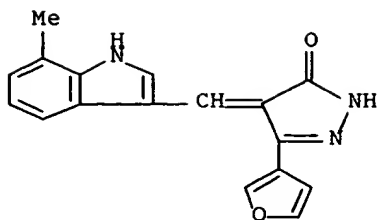
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CN 3H-Pyrazol-3-one, 5-(3-furanyl)-2,4-dihydro-4-[(1-methyl-1H-indol-3-
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RN 338753-27-8 CAPLUS
CN 3H-Pyrazol-3-one, 5-(3-furanyl)-2,4-dihydro-4-[[5-(phenylmethoxy)-1H-
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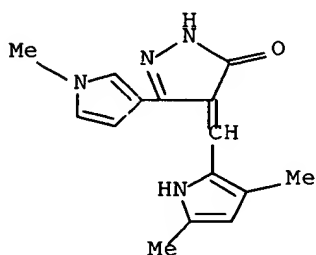


RN 338753-29-0 CAPLUS
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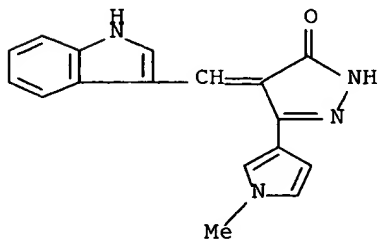
RN 338753-31-4 CAPLUS

CN 3H-Pyrazol-3-one, 4-[(3,5-dimethyl-1H-pyrrol-2-yl)methylene]-2,4-dihydro-5-(1-methyl-1H-pyrrol-3-yl)- (9CI) (CA INDEX NAME)



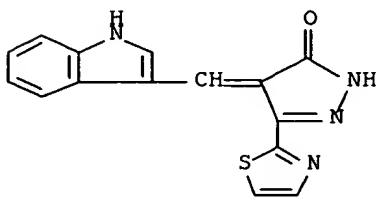
RN 338753-33-6 CAPLUS

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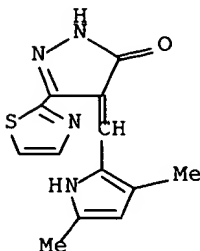
RN 338753-35-8 CAPLUS

CN 3H-Pyrazol-3-one, 2,4-dihydro-4-(1H-indol-3-ylmethylene)-5-(2-thiazolyl)- (9CI) (CA INDEX NAME)



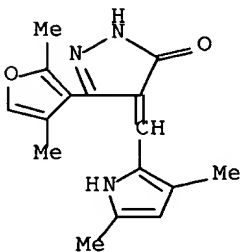
RN 338753-37-0 CAPLUS

CN 3H-Pyrazol-3-one, 4-[(3,5-dimethyl-1H-pyrrol-2-yl)methylene]-2,4-dihydro-5-(2-thiazolyl)- (9CI) (CA INDEX NAME)



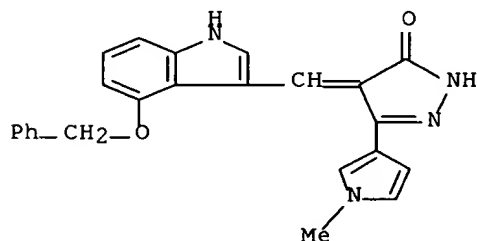
RN 338753-39-2 CAPLUS

CN 3H-Pyrazol-3-one, 5-(2,4-dimethyl-3-furanyl)-4-[(3,5-dimethyl-1H-pyrrol-2-yl)methylene]-2,4-dihydro- (9CI) (CA INDEX NAME)



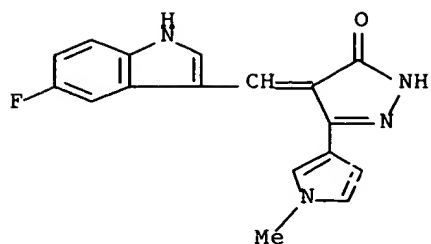
RN 338753-44-9 CAPLUS

CN 3H-Pyrazol-3-one, 2,4-dihydro-5-(1-methyl-1H-pyrrol-3-yl)-4-[[4-(phenylmethoxy)-1H-indol-3-yl]methylene]- (9CI) (CA INDEX NAME)

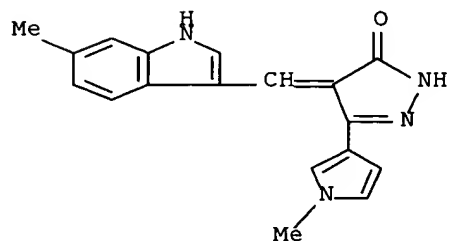


RN 338753-46-1 CAPLUS

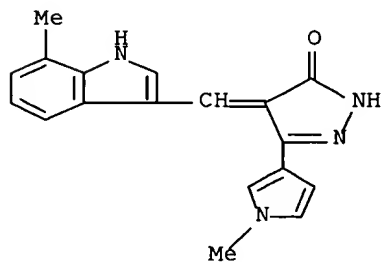
CN 3H-Pyrazol-3-one, 4-[(5-fluoro-1H-indol-3-yl)methylene]-2,4-dihydro-5-(1-methyl-1H-pyrrol-3-yl)- (9CI) (CA INDEX NAME)



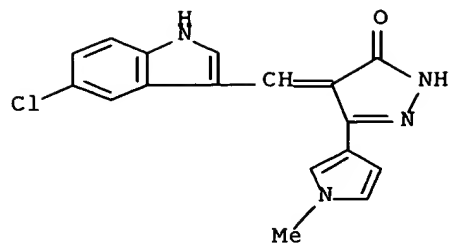
RN 338753-48-3 CAPLUS
 CN 3H-Pyrazol-3-one, 2,4-dihydro-4-[(6-methyl-1H-indol-3-yl)methylene]-5-(1-methyl-1H-pyrrol-3-yl)- (9CI) (CA INDEX NAME)



RN 338753-50-7 CAPLUS
 CN 3H-Pyrazol-3-one, 2,4-dihydro-4-[(7-methyl-1H-indol-3-yl)methylene]-5-(1-methyl-1H-pyrrol-3-yl)- (9CI) (CA INDEX NAME)

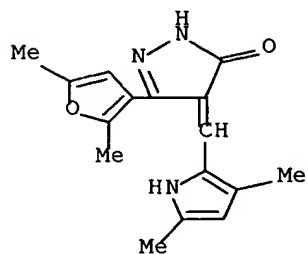


RN 338753-52-9 CAPLUS
 CN 3H-Pyrazol-3-one, 4-[(5-chloro-1H-indol-3-yl)methylene]-2,4-dihydro-5-(1-methyl-1H-pyrrol-3-yl)- (9CI) (CA INDEX NAME)



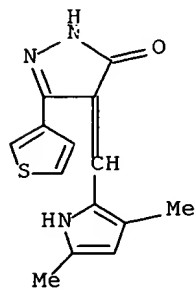
RN 338753-54-1 CAPLUS

CN 3H-Pyrazol-3-one, 5-(2,5-dimethyl-3-furanyl)-4-[(3,5-dimethyl-1H-pyrrol-2-yl)methylene]-2,4-dihydro- (9CI) (CA INDEX NAME)



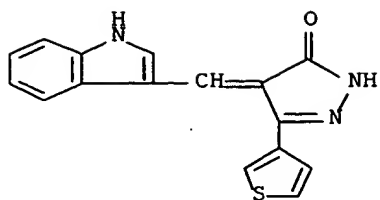
RN 338753-56-3 CAPLUS

CN 3H-Pyrazol-3-one, 4-[(3,5-dimethyl-1H-pyrrol-2-yl)methylene]-2,4-dihydro-5-(3-thienyl)- (9CI) (CA INDEX NAME)



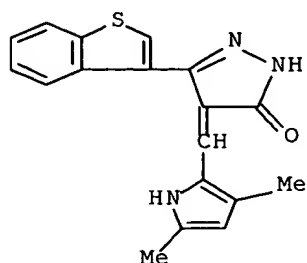
RN 338753-58-5 CAPLUS

CN 3H-Pyrazol-3-one, 2,4-dihydro-4-(1H-indol-3-ylmethylene)-5-(3-thienyl)- (9CI) (CA INDEX NAME)



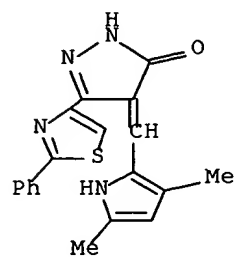
RN 338753-60-9 CAPLUS

CN 3H-Pyrazol-3-one, 5-benzo[b]thien-3-yl-4-[(3,5-dimethyl-1H-pyrrol-2-yl)methylene]-2,4-dihydro- (9CI) (CA INDEX NAME)



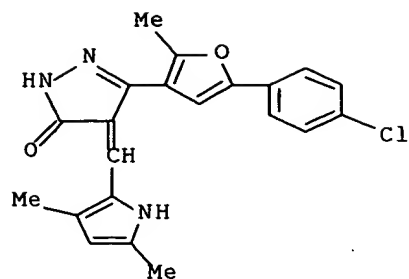
RN 338753-62-1 CAPLUS

CN 3H-Pyrazol-3-one, 4-[(3,5-dimethyl-1H-pyrrol-2-yl)methylene]-2,4-dihydro-5-(2-phenyl-4-thiazolyl)- (9CI) (CA INDEX NAME)

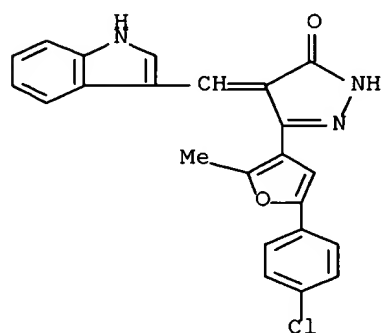


RN 338753-64-3 CAPLUS

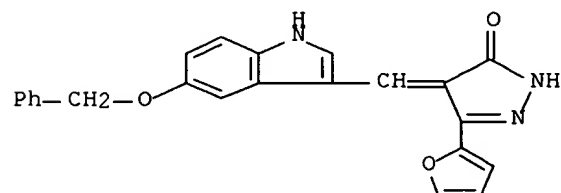
CN 3H-Pyrazol-3-one, 5-[5-(4-chlorophenyl)-2-methyl-3-furanyl]-4-[(3,5-dimethyl-1H-pyrrol-2-yl)methylene]-2,4-dihydro- (9CI) (CA INDEX NAME)



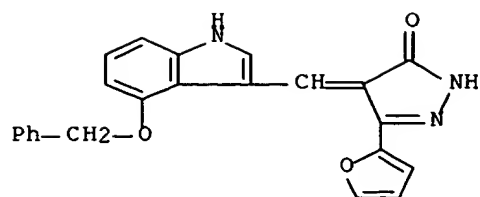
RN 338753-66-5 CAPLUS
 CN 3H-Pyrazol-3-one, 5-[5-(4-chlorophenyl)-2-methyl-3-furanyl]-2,4-dihydro-4-
 4- (1H-indol-3-ylmethylene)- (9CI) (CA INDEX NAME)



RN 338753-68-7 CAPLUS
 CN 3H-Pyrazol-3-one, 5-(2-furanyl)-2,4-dihydro-4-[[5-(phenylmethoxy)-1H-
 indol-3-yl]methylene]- (9CI) (CA INDEX NAME)

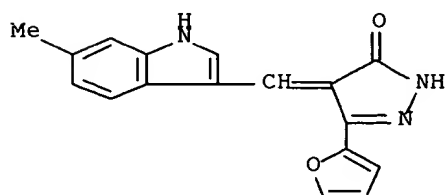


RN 338753-70-1 CAPLUS
 CN 3H-Pyrazol-3-one, 5-(2-furanyl)-2,4-dihydro-4-[[4-(phenylmethoxy)-1H-
 indol-3-yl]methylene]- (9CI) (CA INDEX NAME)



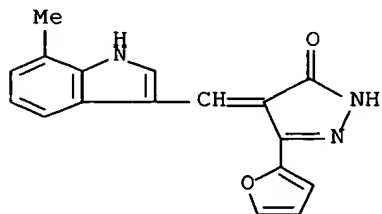
RN 338753-73-4 CAPLUS

CN 3H-Pyrazol-3-one, 5-(2-furanyl)-2,4-dihydro-4-[(6-methyl-1H-indol-3-yl)methylene]- (9CI) (CA INDEX NAME)



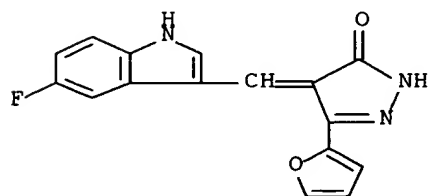
RN 338753-75-6 CAPLUS

CN 3H-Pyrazol-3-one, 5-(2-furanyl)-2,4-dihydro-4-[(7-methyl-1H-indol-3-yl)methylene]- (9CI) (CA INDEX NAME)



RN 338753-77-8 CAPLUS

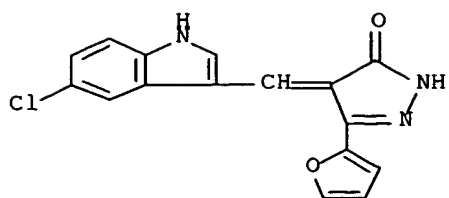
CN 3H-Pyrazol-3-one, 4-[(5-fluoro-1H-indol-3-yl)methylene]-5-(2-furanyl)-2,4-dihydro- (9CI) (CA INDEX NAME)



RN 338753-79-0 CAPLUS

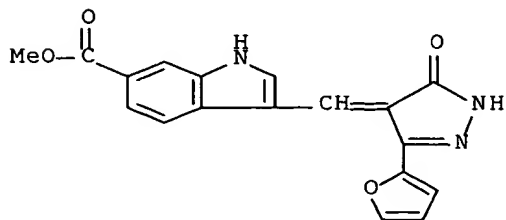
CN 3H-Pyrazol-3-one, 4-[(5-chloro-1H-indol-3-yl)methylene]-5-(2-furanyl)-2,4-dihydro- (9CI) (CA INDEX NAME)

dihydro- (9CI) (CA INDEX NAME)



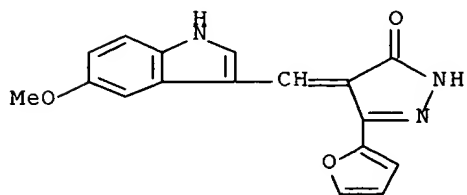
RN 338753-81-4 CAPLUS

CN 1H-Indole-6-carboxylic acid, 3-[[3-(2-furanyl)-1,5-dihydro-5-oxo-4H-pyrazol-4-ylidene]methyl]-, methyl ester (9CI) (CA INDEX NAME)



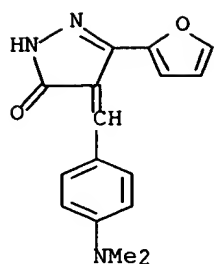
RN 338753-83-6 CAPLUS

CN 3H-Pyrazol-3-one, 5-(2-furanyl)-2,4-dihydro-4-[(5-methoxy-1H-indol-3-yl)methylene]- (9CI) (CA INDEX NAME)



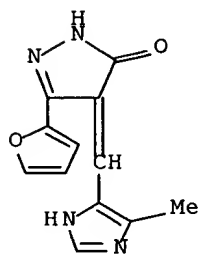
RN 338753-85-8 CAPLUS

CN 3H-Pyrazol-3-one, 4-[[4-(dimethylamino)phenyl)methylene]-5-(2-furanyl)-2,4-dihydro- (9CI) (CA INDEX NAME)



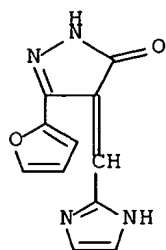
RN 338753-87-0 CAPLUS

CN 3H-Pyrazol-3-one, 5-(2-furanyl)-2,4-dihydro-4-[(5-methyl-1H-imidazol-4-yl)methylene]- (9CI) (CA INDEX NAME)



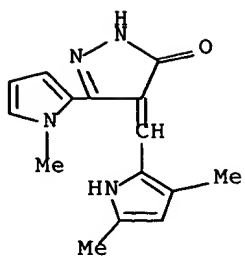
RN 338753-89-2 CAPLUS

CN 3H-Pyrazol-3-one, 5-(2-furanyl)-2,4-dihydro-4-(1H-imidazol-2-ylmethylene)- (9CI) (CA INDEX NAME)

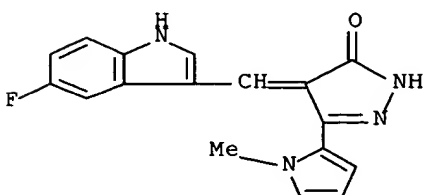


RN 338753-91-6 CAPLUS

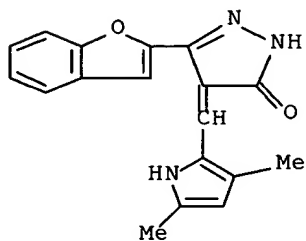
CN 3H-Pyrazol-3-one, 4-[(3,5-dimethyl-1H-pyrrol-2-yl)methylene]-2,4-dihydro-5-(1-methyl-1H-pyrrol-2-yl)- (9CI) (CA INDEX NAME)



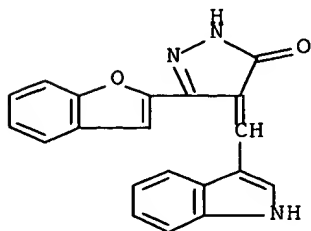
RN 338753-93-8 CAPLUS
 CN 3H-Pyrazol-3-one, 4-[(5-fluoro-1H-indol-3-yl)methylene]-2,4-dihydro-5-(1-methyl-1H-pyrrol-2-yl)- (9CI) (CA INDEX NAME)



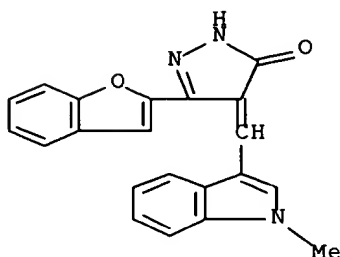
RN 338753-95-0 CAPLUS
 CN 3H-Pyrazol-3-one, 5-(2-benzofuranyl)-4-[(3,5-dimethyl-1H-pyrrol-2-yl)methylene]-2,4-dihydro- (9CI) (CA INDEX NAME)



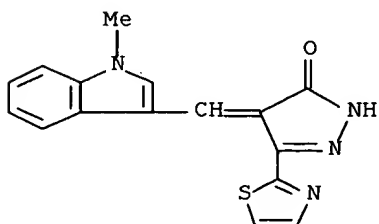
RN 338753-97-2 CAPLUS
 CN 3H-Pyrazol-3-one, 5-(2-benzofuranyl)-2,4-dihydro-4-(1H-indol-3-ylmethylene)- (9CI) (CA INDEX NAME)



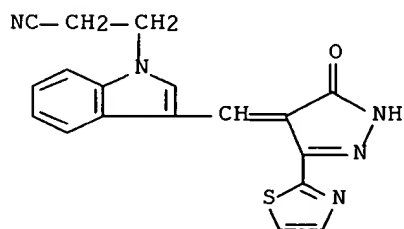
RN 338753-99-4 CAPLUS
 CN 3H-Pyrazol-3-one, 5-(2-benzofuranyl)-2,4-dihydro-4-[(1-methyl-1H-indol-3-yl)methylene]- (9CI) (CA INDEX NAME)



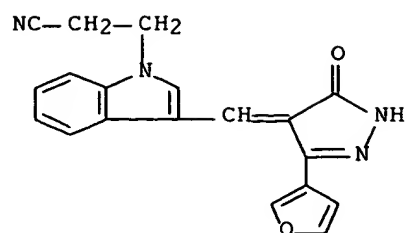
RN 338754-01-1 CAPLUS
 CN 3H-Pyrazol-3-one, 2,4-dihydro-4-[(1-methyl-1H-indol-3-yl)methylene]-5-(2-thiazolyl)- (9CI) (CA INDEX NAME)



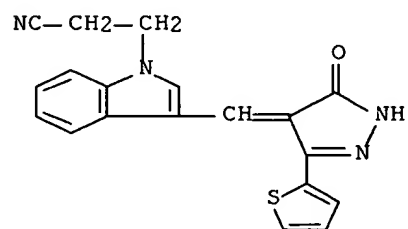
RN 338754-06-6 CAPLUS
 CN 1H-Indole-1-propanenitrile, 3-[[1,5-dihydro-5-oxo-3-(2-thiazolyl)-4H-pyrazol-4-ylidene]methyl]- (9CI) (CA INDEX NAME)



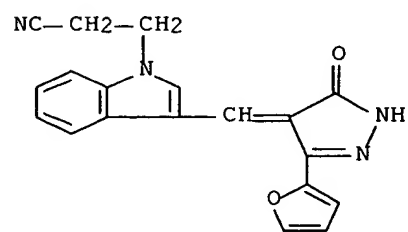
RN 338754-08-8 CAPLUS
 CN 1H-Indole-1-propanenitrile, 3-[[3-(3-furanyl)-1,5-dihydro-5-oxo-4H-pyrazol-4-ylidene]methyl]- (9CI) (CA INDEX NAME)



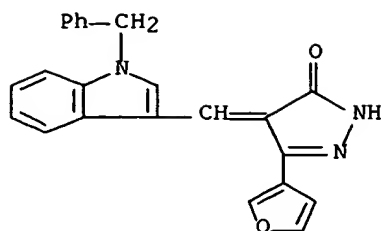
RN 338754-10-2 CAPLUS
 CN 1H-Indole-1-propanenitrile, 3-[[1,5-dihydro-5-oxo-3-(2-thienyl)-4H-pyrazol-4-ylidene]methyl]- (9CI) (CA INDEX NAME)



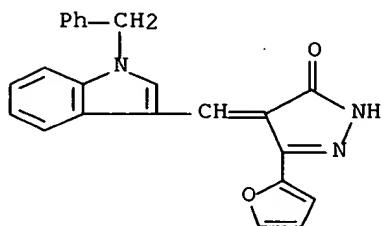
RN 338754-12-4 CAPLUS
 CN 1H-Indole-1-propanenitrile, 3-[[3-(2-furanyl)-1,5-dihydro-5-oxo-4H-pyrazol-4-ylidene]methyl]- (9CI) (CA INDEX NAME)



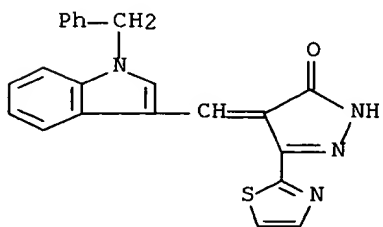
RN 338754-14-6 CAPLUS
 CN 3H-Pyrazol-3-one, 5-(3-furanyl)-2,4-dihydro-4-[[1-(phenylmethyl)-1H-indol-3-yl]methylene]- (9CI) (CA INDEX NAME)



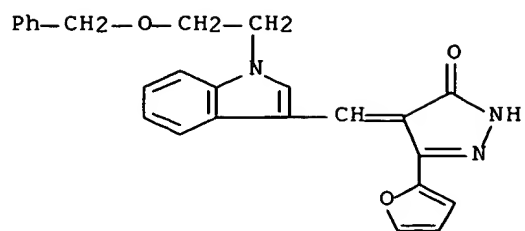
RN 338754-16-8 CAPLUS
 CN 3H-Pyrazol-3-one, 5-(2-furanyl)-2,4-dihydro-4-[[1-(phenylmethyl)-1H-indol-3-yl]methylene]- (9CI) (CA INDEX NAME)



RN 338754-18-0 CAPLUS
 CN 3H-Pyrazol-3-one, 2,4-dihydro-4-[[1-(phenylmethyl)-1H-indol-3-yl]methylene]-5-(2-thiazolyl)- (9CI) (CA INDEX NAME)

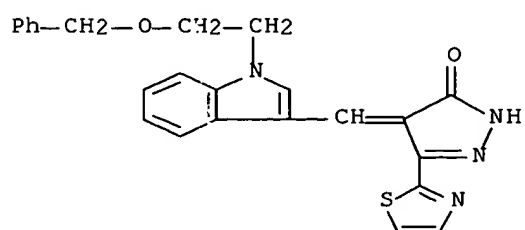


RN 338754-20-4 CAPLUS
 CN 3H-Pyrazol-3-one, 5-(2-furanyl)-2,4-dihydro-4-[[1-[2-(phenylmethoxy)ethyl]-1H-indol-3-yl]methylene]- (9CI) (CA INDEX NAME)



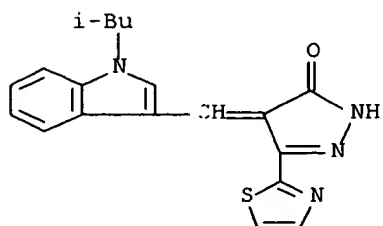
RN 338754-22-6 CAPLUS

CN 3H-Pyrazol-3-one, 2,4-dihydro-4-[[1-[2-(phenylmethoxy)ethyl]-1H-indol-3-yl]methylene]-5-(2-thiazolyl)- (9CI) (CA INDEX NAME)



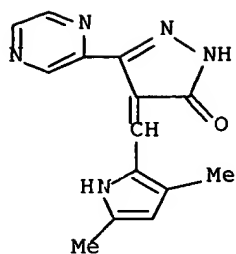
RN 338754-24-8 CAPLUS

CN 3H-Pyrazol-3-one, 2,4-dihydro-4-[[1-(2-methylpropyl)-1H-indol-3-yl]methylene]-5-(2-thiazolyl)- (9CI) (CA INDEX NAME)



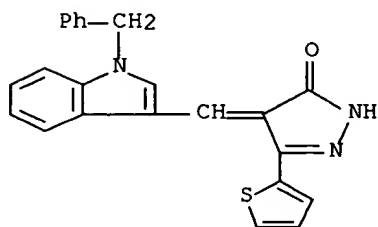
RN 338754-26-0 CAPLUS

CN 3H-Pyrazol-3-one, 4-[(3,5-dimethyl-1H-pyrrol-2-yl)methylene]-2,4-dihydro-5-pyrazinyl- (9CI) (CA INDEX NAME)



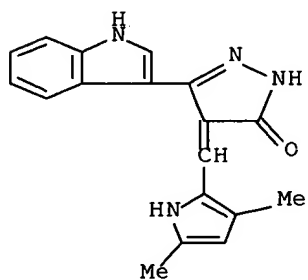
RN 338754-28-2 CAPLUS

CN 3H-Pyrazol-3-one, 2,4-dihydro-4-[[1-(phenylmethyl)-1H-indol-3-yl)methylene]-5-(2-thienyl)- (9CI) (CA INDEX NAME)



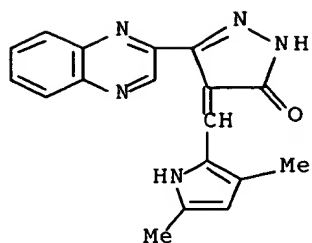
RN 338754-30-6 CAPLUS

CN 3H-Pyrazol-3-one, 4-[(3,5-dimethyl-1H-pyrrol-2-yl)methylene]-2,4-dihydro-5-(1H-indol-3-yl)- (9CI) (CA INDEX NAME)

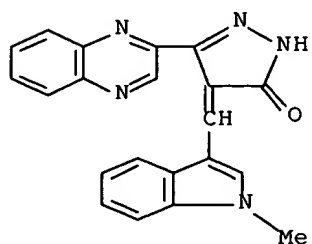


RN 338754-37-3 CAPLUS

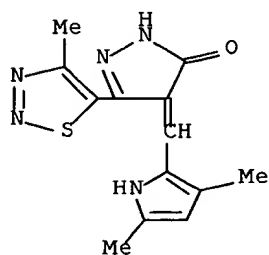
CN 3H-Pyrazol-3-one, 4-[(3,5-dimethyl-1H-pyrrol-2-yl)methylene]-2,4-dihydro-5-(2-quinoxaliny)- (9CI) (CA INDEX NAME)



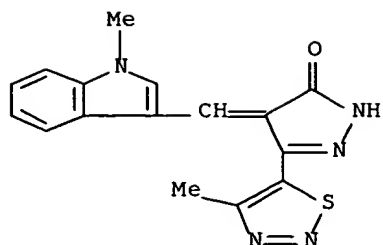
RN 338754-39-5 CAPLUS
 CN 3H-Pyrazol-3-one, 2,4-dihydro-4-[(1-methyl-1H-indol-3-yl)methylene]-5-(2-methyl-1H-indol-3-yl)- (9CI) (CA INDEX NAME)



RN 338754-41-9 CAPLUS
 CN 3H-Pyrazol-3-one, 4-[(3,5-dimethyl-1H-pyrrol-2-yl)methylene]-2,4-dihydro-5-(4-methyl-1,2,3-thiadiazol-5-yl)- (9CI) (CA INDEX NAME)

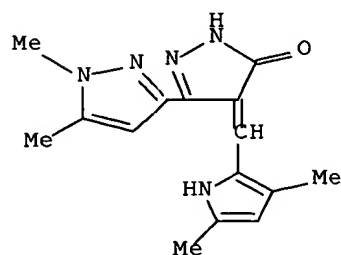


RN 338754-43-1 CAPLUS
 CN 3H-Pyrazol-3-one, 2,4-dihydro-4-[(1-methyl-1H-indol-3-yl)methylene]-5-(4-methyl-1,2,3-thiadiazol-5-yl)- (9CI) (CA INDEX NAME)



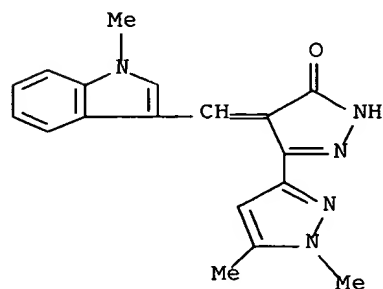
RN 338754-45-3 CAPLUS

CN 3H-Pyrazol-3-one, 5-(1,5-dimethyl-1H-pyrazol-3-yl)-4-[(3,5-dimethyl-1H-pyrrol-2-yl)methylene]-2,4-dihydro- (9CI) (CA INDEX NAME)



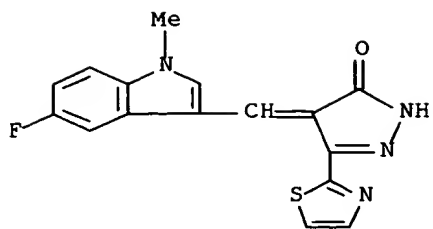
RN 338754-47-5 CAPLUS

CN 3H-Pyrazol-3-one, 5-(1,5-dimethyl-1H-pyrazol-3-yl)-2,4-dihydro-4-[(1-methyl-1H-indol-3-yl)methylene]- (9CI) (CA INDEX NAME)

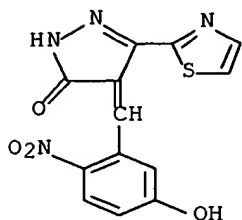


RN 338754-49-7 CAPLUS

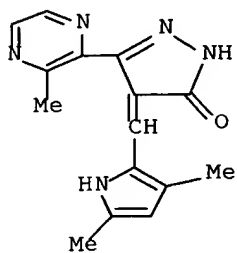
CN 3H-Pyrazol-3-one, 4-[(5-fluoro-1-methyl-1H-indol-3-yl)methylene]-2,4-dihydro-5-(2-thiazolyl)- (9CI) (CA INDEX NAME)



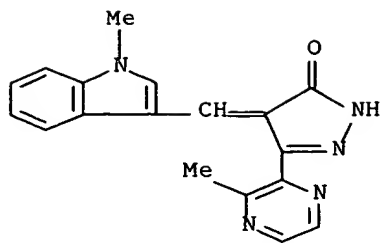
RN 338754-51-1 CAPLUS
 CN 3H-Pyrazol-3-one, 2,4-dihydro-4-[(5-hydroxy-2-nitrophenyl)methylene]-5-(2-thiazolyl)- (9CI) (CA INDEX NAME)



RN 338754-53-3 CAPLUS
 CN 3H-Pyrazol-3-one, 4-[(3,5-dimethyl-1H-pyrrol-2-yl)methylene]-2,4-dihydro-5-(3-methylpyrazinyl)- (9CI) (CA INDEX NAME)



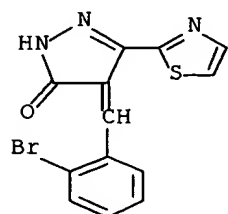
RN 338754-55-5 CAPLUS
 CN 3H-Pyrazol-3-one, 2,4-dihydro-4-[(1-methyl-1H-indol-3-yl)methylene]-5-(3-methylpyrazinyl)- (9CI) (CA INDEX NAME)



RN 338754-57-7 CAPLUS

CN 3H-Pyrazol-3-one, 4-[(2-bromophenyl)methylene]-2,4-dihydro-5-(2-thiazolyl)-

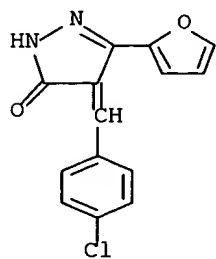
(9CI) (CA INDEX NAME)



RN 338754-59-9 CAPLUS

CN 3H-Pyrazol-3-one, 4-[(4-chlorophenyl)methylene]-5-(2-furanyl)-2,4-dihydro-

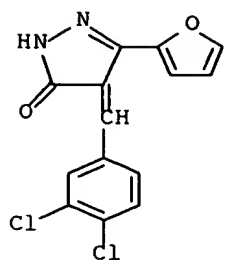
(9CI) (CA INDEX NAME)



RN 338754-61-3 CAPLUS

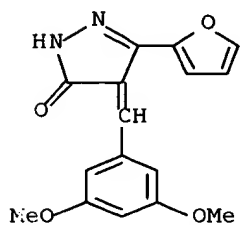
CN 3H-Pyrazol-3-one, 4-[(3,4-dichlorophenyl)methylene]-5-(2-furanyl)-2,4-dihydro-

(9CI) (CA INDEX NAME)



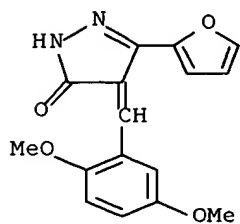
RN 338754-63-5 CAPLUS

CN 3H-Pyrazol-3-one, 4-[(3,5-dimethoxyphenyl)methylene]-5-(2-furanyl)-2,4-dihydro- (9CI) (CA INDEX NAME)



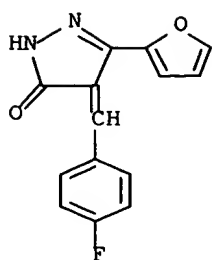
RN 338754-65-7 CAPLUS

CN 3H-Pyrazol-3-one, 4-[(2,5-dimethoxyphenyl)methylene]-5-(2-furanyl)-2,4-dihydro- (9CI) (CA INDEX NAME)

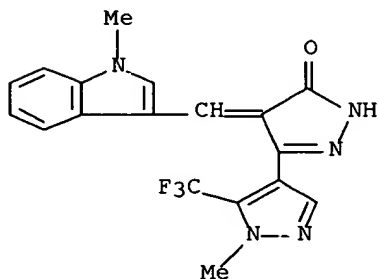


RN 338754-67-9 CAPLUS

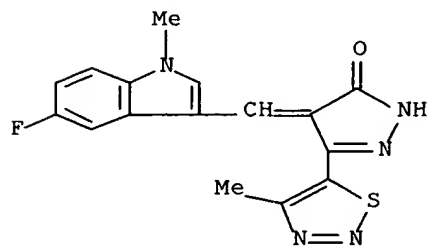
CN 3H-Pyrazol-3-one, 4-[(4-fluorophenyl)methylene]-5-(2-furanyl)-2,4-dihydro- (9CI) (CA INDEX NAME)



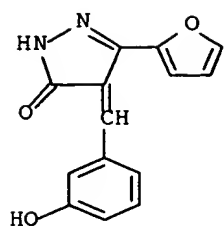
RN 338754-69-1 CAPLUS
 CN 3H-Pyrazol-3-one, 2,4-dihydro-4-[(1-methyl-1H-indol-3-yl)methylene]-5-[1-methyl-5-(trifluoromethyl)-1H-pyrazol-4-yl]- (9CI) (CA INDEX NAME)



RN 338754-71-5 CAPLUS
 CN 3H-Pyrazol-3-one, 4-[(5-fluoro-1-methyl-1H-indol-3-yl)methylene]-2,4-dihydro-5-(4-methyl-1,2,3-thiadiazol-5-yl)- (9CI) (CA INDEX NAME)

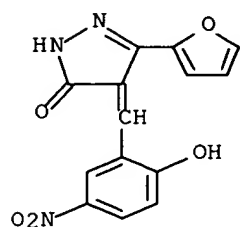


RN 338754-73-7 CAPLUS
 CN 3H-Pyrazol-3-one, 5-(2-furanyl)-2,4-dihydro-4-[(3-hydroxyphenyl)methylene]- (9CI) (CA INDEX NAME)



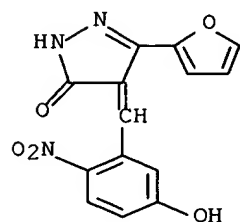
RN 338754-75-9 CAPLUS

CN 3H-Pyrazol-3-one, 5-(2-furanyl)-2,4-dihydro-4-[(2-hydroxy-5-nitrophenyl)methylene]- (9CI) (CA INDEX NAME)



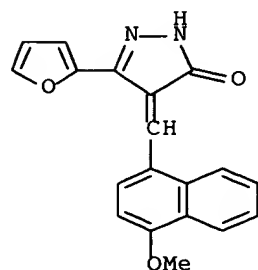
RN 338754-77-1 CAPLUS

CN 3H-Pyrazol-3-one, 5-(2-furanyl)-2,4-dihydro-4-[(5-hydroxy-2-nitrophenyl)methylene]- (9CI) (CA INDEX NAME)



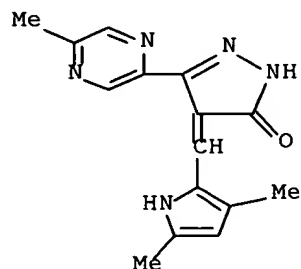
RN 338754-79-3 CAPLUS

CN 3H-Pyrazol-3-one, 5-(2-furanyl)-2,4-dihydro-4-[(4-methoxy-1-naphthalenyl)methylene]- (9CI) (CA INDEX NAME)



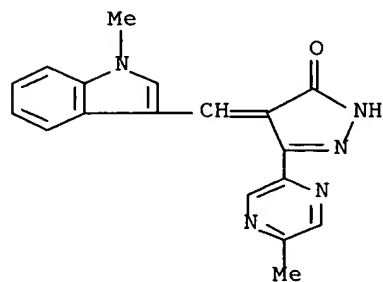
RN 338754-81-7 CAPLUS

CN 3H-Pyrazol-3-one, 4-[(3,5-dimethyl-1H-pyrrol-2-yl)methylene]-2,4-dihydro-5-(5-methylpyrazinyl)- (9CI) (CA INDEX NAME)



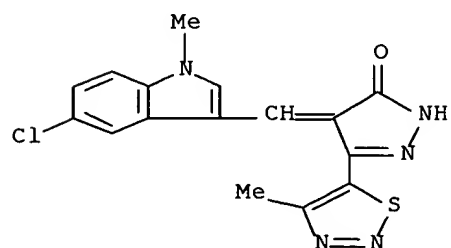
RN 338754-83-9 CAPLUS

CN 3H-Pyrazol-3-one, 2,4-dihydro-4-[(1-methyl-1H-indol-3-yl)methylene]-5-(5-methylpyrazinyl)- (9CI) (CA INDEX NAME)



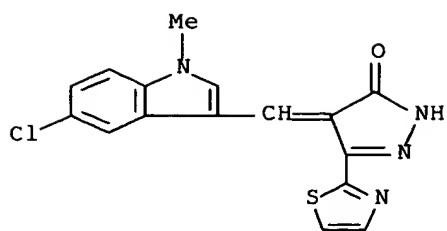
RN 338754-85-1 CAPLUS

CN 3H-Pyrazol-3-one, 4-[(5-chloro-1-methyl-1H-indol-3-yl)methylene]-2,4-dihydro-5-(4-methyl-1,2,3-thiadiazol-5-yl)- (9CI) (CA INDEX NAME)



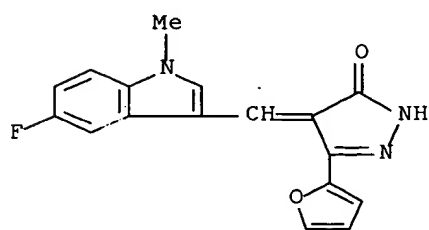
RN 338754-87-3 CAPLUS

CN 3H-Pyrazol-3-one, 4-[(5-chloro-1-methyl-1H-indol-3-yl)methylene]-2,4-dihydro-5-(2-thiazolyl)- (9CI) (CA INDEX NAME)



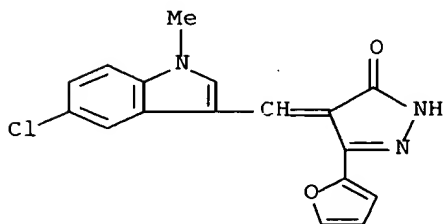
RN 338754-89-5 CAPLUS

CN 3H-Pyrazol-3-one, 4-[(5-fluoro-1-methyl-1H-indol-3-yl)methylene]-5-(2-furanyl)-2,4-dihydro- (9CI) (CA INDEX NAME)



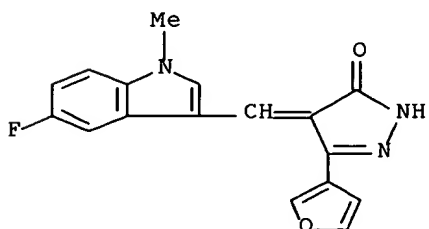
RN 338754-91-9 CAPLUS

CN 3H-Pyrazol-3-one, 4-[(5-chloro-1-methyl-1H-indol-3-yl)methylene]-5-(2-furanyl)-2,4-dihydro- (9CI) (CA INDEX NAME)

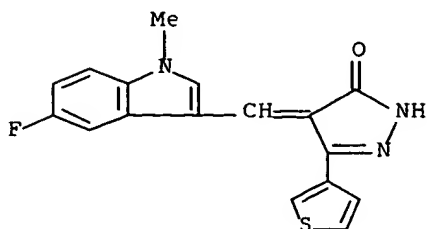


RN 338754-93-1 CAPLUS

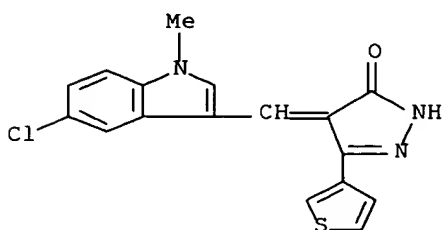
CN 3H-Pyrazol-3-one, 4-[(5-fluoro-1-methyl-1H-indol-3-yl)methylene]-5-(3-furanyl)-2,4-dihydro- (9CI) (CA INDEX NAME)



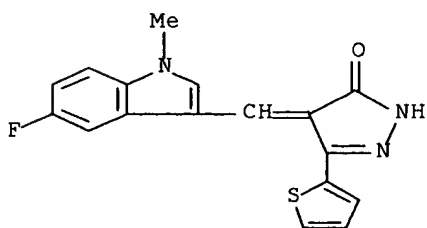
RN 338754-95-3 CAPLUS
CN 3H-Pyrazol-3-one, 4-[(5-fluoro-1-methyl-1H-indol-3-yl)methylene]-2,4-dihydro-5-(3-thienyl)- (9CI) (CA INDEX NAME)



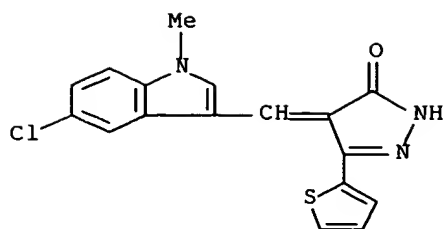
RN 338754-97-5 CAPLUS
CN 3H-Pyrazol-3-one, 4-[(5-chloro-1-methyl-1H-indol-3-yl)methylene]-2,4-dihydro-5-(3-thienyl)- (9CI) (CA INDEX NAME)



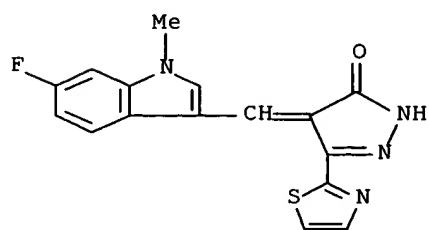
RN 338754-99-7 CAPLUS
CN 3H-Pyrazol-3-one, 4-[(5-fluoro-1-methyl-1H-indol-3-yl)methylene]-2,4-dihydro-5-(2-thienyl)- (9CI) (CA INDEX NAME)



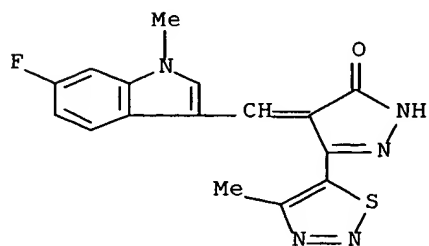
RN 338755-01-4 CAPLUS
CN 3H-Pyrazol-3-one, 4-[(5-chloro-1-methyl-1H-indol-3-yl)methylene]-2,4-dihydro-5-(2-thienyl)- (9CI) (CA INDEX NAME)



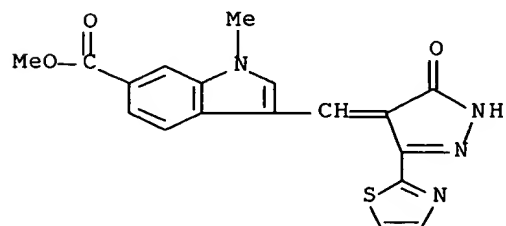
RN 338755-03-6 CAPLUS
 CN 3H-Pyrazol-3-one, 4-[(6-fluoro-1-methyl-1H-indol-3-yl)methylene]-2,4-dihydro-5-(2-thiazolyl)- (9CI) (CA INDEX NAME)



RN 338755-05-8 CAPLUS
 CN 3H-Pyrazol-3-one, 4-[(6-fluoro-1-methyl-1H-indol-3-yl)methylene]-2,4-dihydro-5-(4-methyl-1,2,3-thiadiazol-5-yl)- (9CI) (CA INDEX NAME)

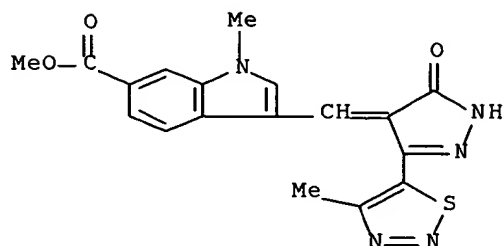


RN 338755-07-0 CAPLUS
 CN 1H-Indole-6-carboxylic acid, 3-[[1,5-dihydro-5-oxo-3-(2-thiazolyl)-4H-pyrazol-4-ylidene)methyl]-1-methyl-, methyl ester (9CI) (CA INDEX NAME)



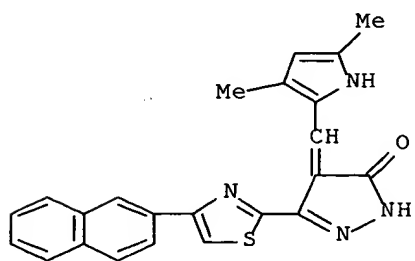
RN 338755-09-2 CAPLUS

CN 1H-Indole-6-carboxylic acid, 3-[[1,5-dihydro-3-(4-methyl-1,2,3-thiadiazol-5-yl)-5-oxo-4H-pyrazol-4-ylidene]methyl]-1-methyl-, methyl ester (9CI)
(CA INDEX NAME)



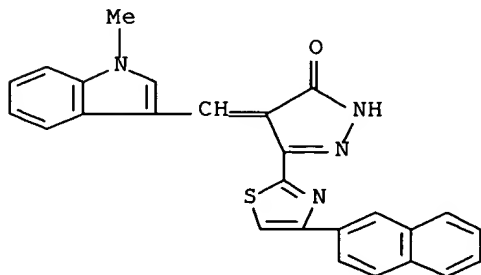
RN 338755-11-6 CAPLUS

CN 3H-Pyrazol-3-one, 4-[(3,5-dimethyl-1H-pyrrol-2-yl)methylene]-2,4-dihydro-5-[4-(2-naphthalenyl)-2-thiazolyl]- (9CI) (CA INDEX NAME)



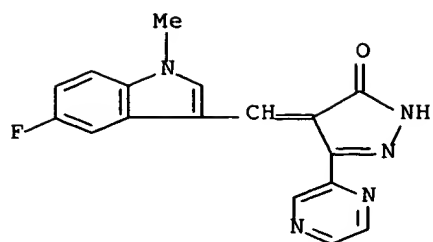
RN 338755-13-8 CAPLUS

CN 3H-Pyrazol-3-one, 2,4-dihydro-4-[(1-methyl-1H-indol-3-yl)methylene]-5-[4-(2-naphthalenyl)-2-thiazolyl]- (9CI) (CA INDEX NAME)



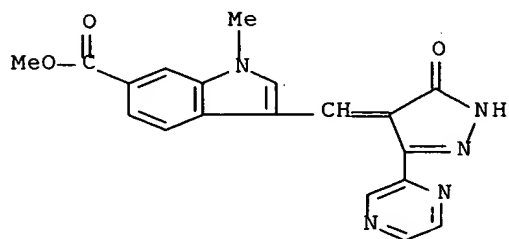
RN 338755-16-1 CAPLUS

CN 3H-Pyrazol-3-one, 4-[(5-fluoro-1-methyl-1H-indol-3-yl)methylene]-2,4-dihydro-5-pyrazinyl- (9CI) (CA INDEX NAME)



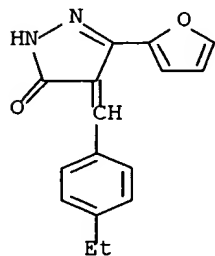
RN 338755-18-3 CAPLUS

CN 1H-Indole-6-carboxylic acid, 3-[(1,5-dihydro-5-oxo-3-pyrazinyl-4H-pyrazol-4-ylidene)methyl]-1-methyl-, methyl ester (9CI) (CA INDEX NAME)



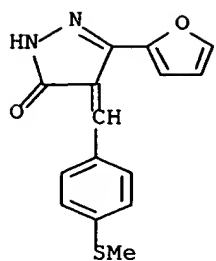
RN 338755-20-7 CAPLUS

CN 3H-Pyrazol-3-one, 4-[(4-ethylphenyl)methylene]-5-(2-furanyl)-2,4-dihydro- (9CI) (CA INDEX NAME)



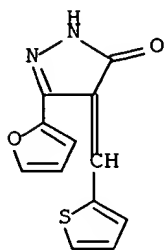
RN 338755-23-0 CAPLUS

CN 3H-Pyrazol-3-one, 5-(2-furanyl)-2,4-dihydro-4-[[4-(methylthio)phenyl]methylene]- (9CI) (CA INDEX NAME)



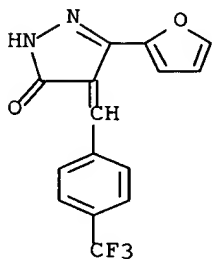
RN 338755-27-4 CAPLUS

CN 3H-Pyrazol-3-one, 5-(2-furanyl)-2,4-dihydro-4-(2-thienylmethylene)-
(9CI)
(CA INDEX NAME)



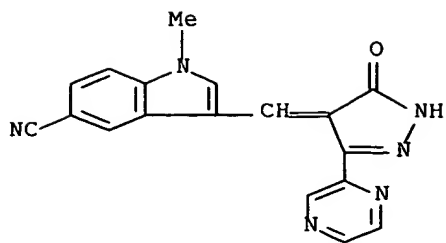
RN 338755-29-6 CAPLUS

CN 3H-Pyrazol-3-one, 5-(2-furanyl)-2,4-dihydro-4-[[4-(trifluoromethyl)phenyl]methylene]- (9CI) (CA INDEX NAME)



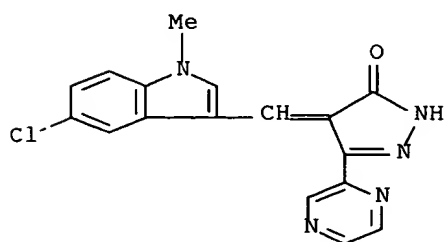
RN 338755-31-0 CAPLUS

CN 1H-Indole-5-carbonitrile, 3-[(1,5-dihydro-5-oxo-3-pyrazinyl-4H-pyrazol-4-ylidene)methyl]-1-methyl- (9CI) (CA INDEX NAME)



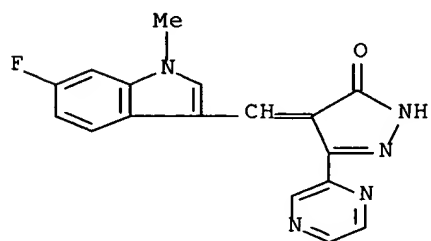
RN 338755-33-2 CAPLUS

CN 3H-Pyrazol-3-one, 4-[(5-chloro-1-methyl-1H-indol-3-yl)methylene]-2,4-dihydro-5-pyrazinyl- (9CI) (CA INDEX NAME)



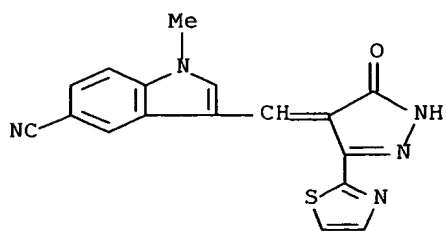
RN 338755-35-4 CAPLUS

CN 3H-Pyrazol-3-one, 4-[(6-fluoro-1-methyl-1H-indol-3-yl)methylene]-2,4-dihydro-5-pyrazinyl- (9CI) (CA INDEX NAME)



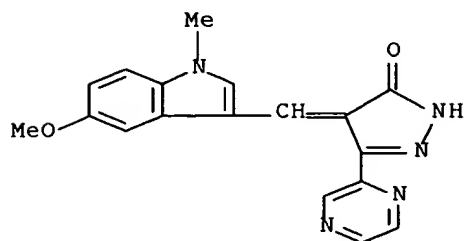
RN 338755-37-6 CAPLUS

CN 1H-Indole-5-carbonitrile, 3-[[1,5-dihydro-5-oxo-3-(2-thiazolyl)-4H-pyrazol-4-ylidene]methyl]-1-methyl- (9CI) (CA INDEX NAME)



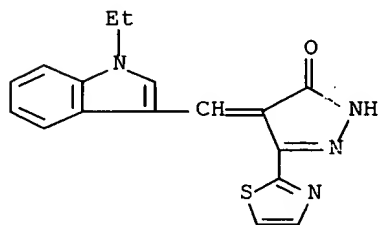
RN 338755-39-8 CAPLUS

CN 3H-Pyrazol-3-one, 2,4-dihydro-4-[(5-methoxy-1-methyl-1H-indol-3-yl)methylene]-5-pyrazinyl- (9CI) (CA INDEX NAME)



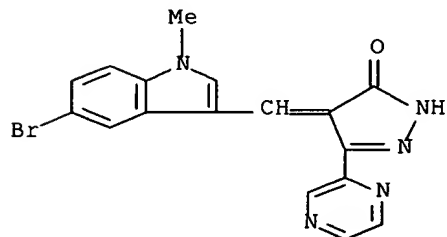
RN 338755-42-3 CAPLUS

CN 3H-Pyrazol-3-one, 4-[(1-ethyl-1H-indol-3-yl)methylene]-2,4-dihydro-5-(2-thiazolyl)- (9CI) (CA INDEX NAME)



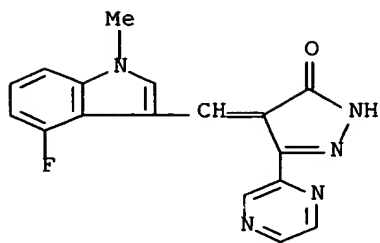
RN 338755-45-6 CAPLUS

CN 3H-Pyrazol-3-one, 4-[(5-bromo-1-methyl-1H-indol-3-yl)methylene]-2,4-dihydro-5-pyrazinyl- (9CI) (CA INDEX NAME)

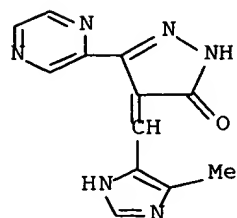


RN 338755-48-9 CAPLUS

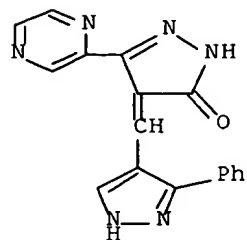
CN 3H-Pyrazol-3-one, 4-[(4-fluoro-1-methyl-1H-indol-3-yl)methylene]-2,4-dihydro-5-pyrazinyl- (9CI) (CA INDEX NAME)



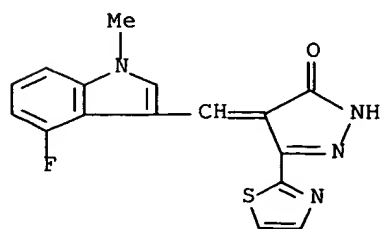
RN 338755-51-4 CAPLUS
 CN 3H-Pyrazol-3-one, 2,4-dihydro-4-[(5-methyl-1H-imidazol-4-yl)methylene]-
 5-
 pyrazinyl- (9CI) (CA INDEX NAME)



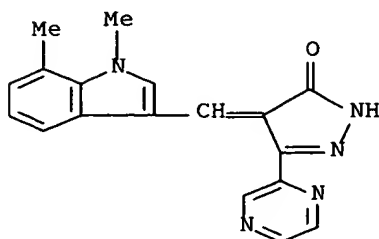
RN 338755-54-7 CAPLUS
 CN 3H-Pyrazol-3-one, 2,4-dihydro-4-[(3-phenyl-1H-pyrazol-4-yl)methylene]-5-
 pyrazinyl- (9CI) (CA INDEX NAME)



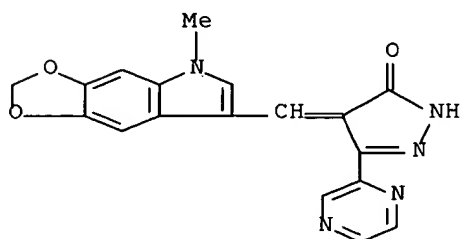
RN 338755-57-0 CAPLUS
 CN 3H-Pyrazol-3-one, 4-[(4-fluoro-1-methyl-1H-indol-3-yl)methylene]-2,4-
 dihydro-5-(2-thiazolyl)- (9CI) (CA INDEX NAME)



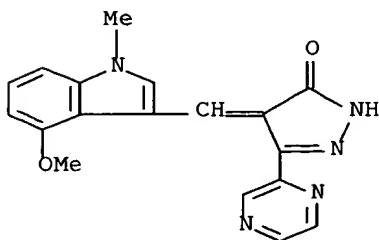
RN 338755-60-5 CAPLUS
 CN 3H-Pyrazol-3-one, 4-[(1,7-dimethyl-1H-indol-3-yl)methylene]-2,4-dihydro-5-pyrazinyl- (9CI) (CA INDEX NAME)



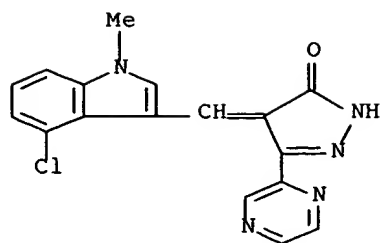
RN 338755-63-8 CAPLUS
 CN 3H-Pyrazol-3-one, 2,4-dihydro-4-[(5-methyl-5H-1,3-dioxolo[4,5-f]indol-7-yl)methylene]-5-pyrazinyl- (9CI) (CA INDEX NAME)



RN 338755-66-1 CAPLUS
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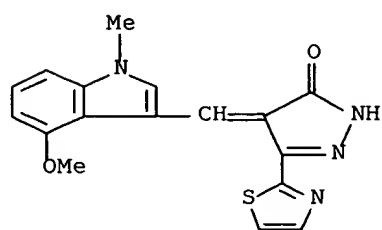


RN 338755-69-4 CAPLUS
 CN 3H-Pyrazol-3-one, 4-[(4-chloro-1-methyl-1H-indol-3-yl)methylene]-2,4-dihydro-5-pyrazinyl- (9CI) (CA INDEX NAME)



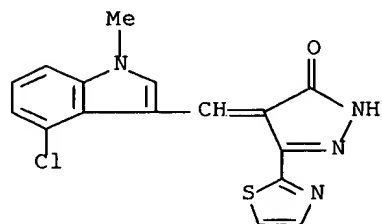
RN 338755-72-9 CAPLUS

CN 3H-Pyrazol-3-one, 2,4-dihydro-4-[(4-methoxy-1-methyl-1H-indol-3-yl)methylene]-5-(2-thiazolyl)- (9CI) (CA INDEX NAME)



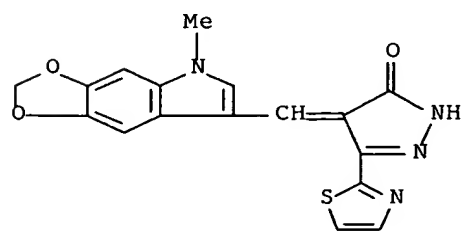
RN 338755-75-2 CAPLUS

CN 3H-Pyrazol-3-one, 4-[(4-chloro-1-methyl-1H-indol-3-yl)methylene]-2,4-dihydro-5-(2-thiazolyl)- (9CI) (CA INDEX NAME)

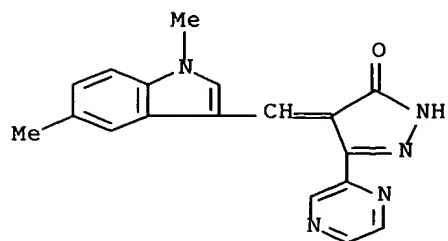


RN 338755-78-5 CAPLUS

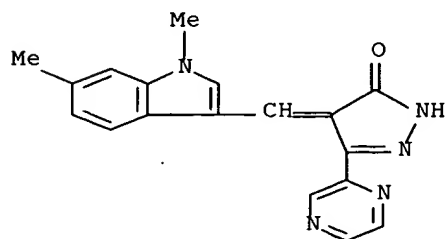
CN 3H-Pyrazol-3-one, 2,4-dihydro-4-[(5-methyl-5H-1,3-dioxolo[4,5-f]indol-7-yl)methylene]-5-(2-thiazolyl)- (9CI) (CA INDEX NAME)



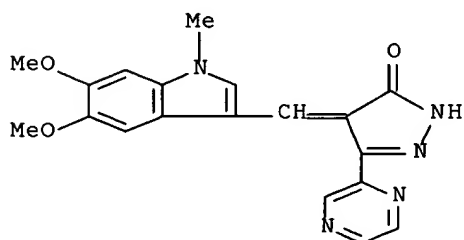
RN 338755-82-1 CAPLUS
 CN 3H-Pyrazol-3-one, 4-[(1,5-dimethyl-1H-indol-3-yl)methylene]-2,4-dihydro-
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 pyrazinyl- (9CI) (CA INDEX NAME)



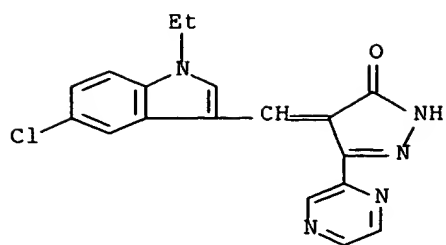
RN 338755-85-4 CAPLUS
 CN 3H-Pyrazol-3-one, 4-[(1,6-dimethyl-1H-indol-3-yl)methylene]-2,4-dihydro-
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 pyrazinyl- (9CI) (CA INDEX NAME)



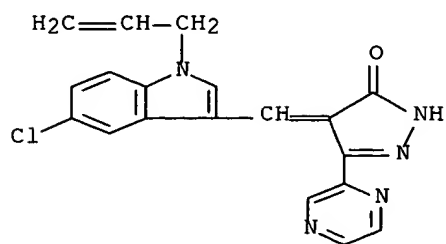
RN 338755-88-7 CAPLUS
 CN 3H-Pyrazol-3-one, 4-[(5,6-dimethoxy-1-methyl-1H-indol-3-yl)methylene]-
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 dihydro-5-pyrazinyl- (9CI) (CA INDEX NAME)



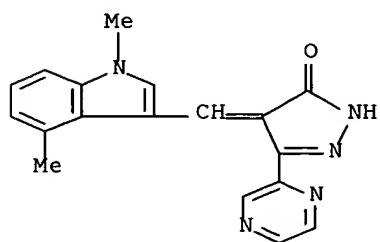
RN 338755-91-2 CAPLUS
 CN 3H-Pyrazol-3-one, 4-[(5-chloro-1-ethyl-1H-indol-3-yl)methylene]-2,4-
 dihydro-5-pyrazinyl- (9CI) (CA INDEX NAME)



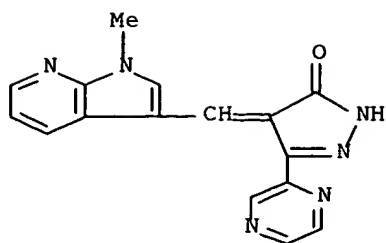
RN 338755-94-5 CAPLUS
 CN 3H-Pyrazol-3-one, 4-[[5-chloro-1-(2-propenyl)-1H-indol-3-yl]methylene]-
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 dihydro-5-pyrazinyl- (9CI) (CA INDEX NAME)



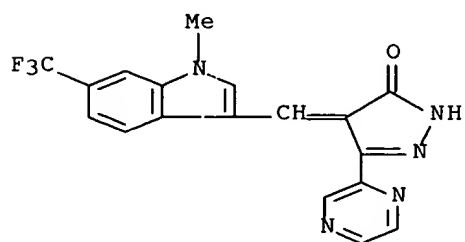
RN 338755-97-8 CAPLUS
 CN 3H-Pyrazol-3-one, 4-[(1,4-dimethyl-1H-indol-3-yl)methylene]-2,4-dihydro-
 5-
 pyrazinyl- (9CI) (CA INDEX NAME)



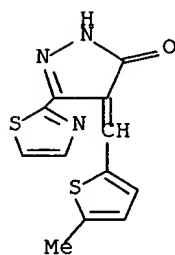
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 CN 3H-Pyrazol-3-one, 2,4-dihydro-4-[(1-methyl-1H-pyrrolo[2,3-b]pyridin-3-
 yl)methylene]-5-pyrazinyl- (9CI) (CA INDEX NAME)



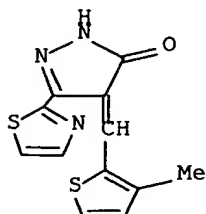
RN 338756-02-8 CAPLUS
 CN 3H-Pyrazol-3-one, 2,4-dihydro-4-[[1-methyl-6-(trifluoromethyl)-1H-indol-3-yl]methylene]-5-pyrazinyl- (9CI) (CA INDEX NAME)



RN 338756-05-1 CAPLUS
 CN 3H-Pyrazol-3-one, 2,4-dihydro-4-[(5-methyl-2-thienyl)methylene]-5-(2-thiazolyl)- (9CI) (CA INDEX NAME)

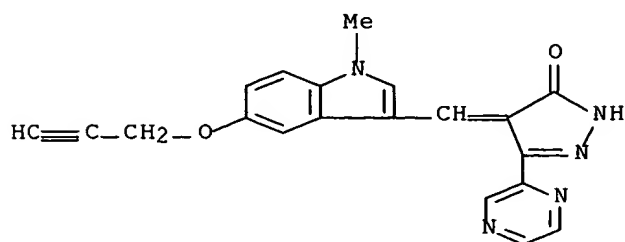


RN 338756-08-4 CAPLUS
 CN 3H-Pyrazol-3-one, 2,4-dihydro-4-[(3-methyl-2-thienyl)methylene]-5-(2-thiazolyl)- (9CI) (CA INDEX NAME)



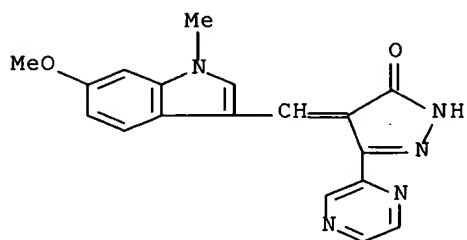
RN 338756-10-8 CAPLUS

CN 3H-Pyrazol-3-one, 2,4-dihydro-4-[[1-methyl-5-(2-propynyloxy)-1H-indol-3-yl)methylene]-5-pyrazinyl- (9CI) (CA INDEX NAME)



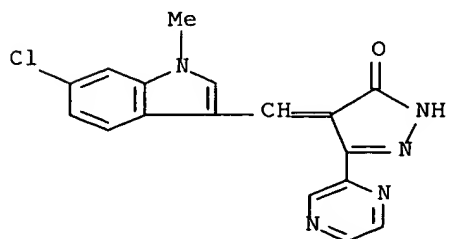
RN 338756-12-0 CAPLUS

CN 3H-Pyrazol-3-one, 2,4-dihydro-4-[(6-methoxy-1-methyl-1H-indol-3-yl)methylene]-5-pyrazinyl- (9CI) (CA INDEX NAME)



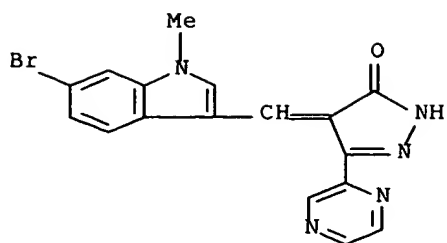
RN 338756-14-2 CAPLUS

CN 3H-Pyrazol-3-one, 4-[(6-chloro-1-methyl-1H-indol-3-yl)methylene]-2,4-dihydro-5-pyrazinyl- (9CI) (CA INDEX NAME)



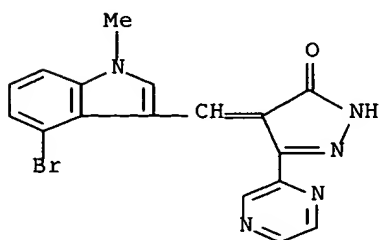
RN 338756-16-4 CAPLUS

CN 3H-Pyrazol-3-one, 4-[(6-bromo-1-methyl-1H-indol-3-yl)methylene]-2,4-dihydro-5-pyrazinyl- (9CI) (CA INDEX NAME)



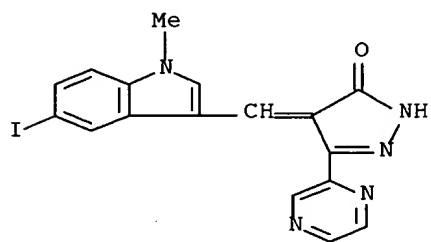
RN 338756-18-6 CAPLUS

CN 3H-Pyrazol-3-one, 4-[(4-bromo-1-methyl-1H-indol-3-yl)methylene]-2,4-dihydro-5-pyrazinyl- (9CI) (CA INDEX NAME)



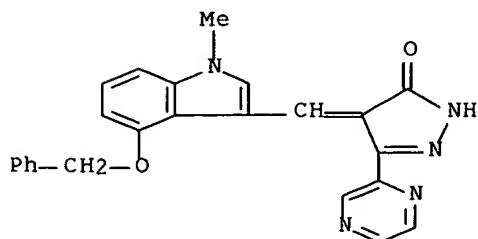
RN 338756-20-0 CAPLUS

CN 3H-Pyrazol-3-one, 2,4-dihydro-4-[(5-iodo-1-methyl-1H-indol-3-yl)methylene]-5-pyrazinyl- (9CI) (CA INDEX NAME)

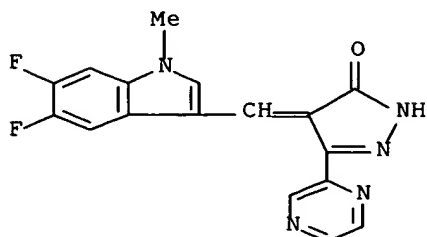


RN 338756-22-2 CAPLUS

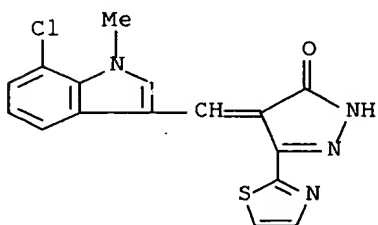
CN 3H-Pyrazol-3-one, 2,4-dihydro-4-[[1-methyl-4-(phenylmethoxy)-1H-indol-3-yl)methylene]-5-pyrazinyl- (9CI) (CA INDEX NAME)



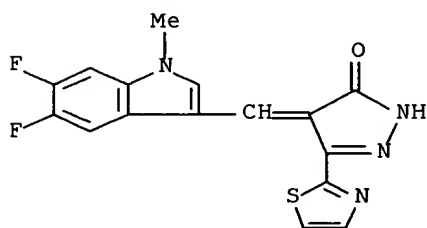
RN 338756-24-4 CAPLUS
 CN 3H-Pyrazol-3-one, 4-[(5,6-difluoro-1-methyl-1H-indol-3-yl)methylene]-
 2,4-
 dihydro-5-pyrazinyl- (9CI) (CA INDEX NAME)



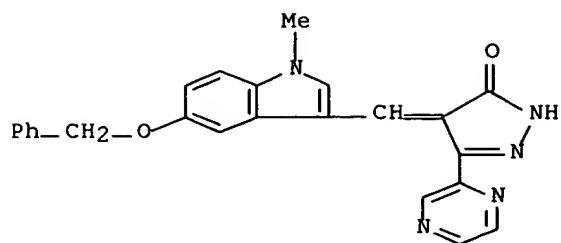
RN 338756-26-6 CAPLUS
 CN 3H-Pyrazol-3-one, 4-[(7-chloro-1-methyl-1H-indol-3-yl)methylene]-2,4-
 dihydro-5-(2-thiazolyl)- (9CI) (CA INDEX NAME)



RN 338756-28-8 CAPLUS
 CN 3H-Pyrazol-3-one, 4-[(5,6-difluoro-1-methyl-1H-indol-3-yl)methylene]-
 2,4-
 dihydro-5-(2-thiazolyl)- (9CI) (CA INDEX NAME)

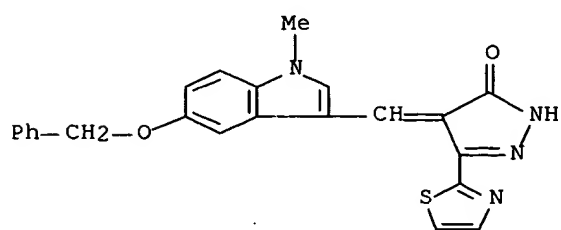


RN 338756-30-2 CAPLUS
 CN 3H-Pyrazol-3-one, 2,4-dihydro-4-[[1-methyl-5-(phenylmethoxy)-1H-indol-3-yl]methylene]-5-pyrazinyl- (9CI) (CA INDEX NAME)



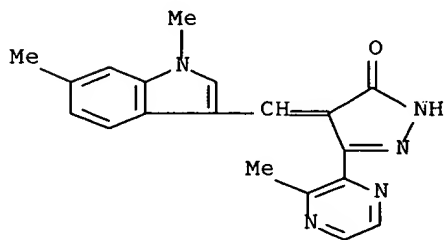
RN 338756-32-4 CAPLUS

CN 3H-Pyrazol-3-one, 2,4-dihydro-4-[[1-methyl-5-(phenylmethoxy)-1H-indol-3-yl]methylene]-5-(2-thiazolyl)- (9CI) (CA INDEX NAME)



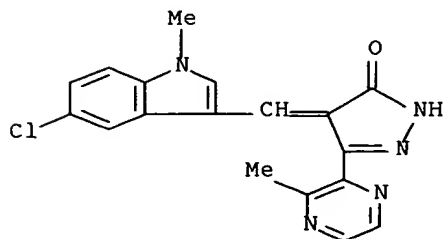
RN 338756-34-6 CAPLUS

CN 3H-Pyrazol-3-one, 4-[(1,6-dimethyl-1H-indol-3-yl)methylene]-2,4-dihydro-5-(3-methylpyrazinyl)- (9CI) (CA INDEX NAME)



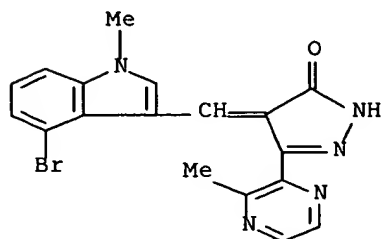
RN 338756-36-8 CAPLUS

CN 3H-Pyrazol-3-one, 4-[(5-chloro-1-methyl-1H-indol-3-yl)methylene]-2,4-dihydro-5-(3-methylpyrazinyl)- (9CI) (CA INDEX NAME)



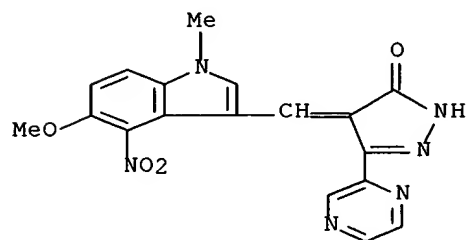
RN 338756-38-0 CAPLUS

CN 3H-Pyrazol-3-one, 4-[(4-bromo-1-methyl-1H-indol-3-yl)methylene]-2,4-dihydro-5-(3-methylpyrazinyl)- (9CI) (CA INDEX NAME)



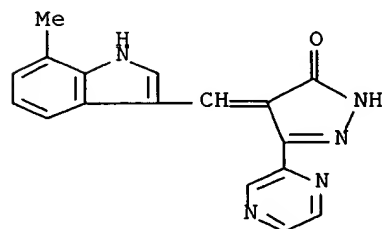
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CN 3H-Pyrazol-3-one, 2,4-dihydro-4-[(5-methoxy-1-methyl-4-nitro-1H-indol-3-yl)methylene]-5-pyrazinyl- (9CI) (CA INDEX NAME)



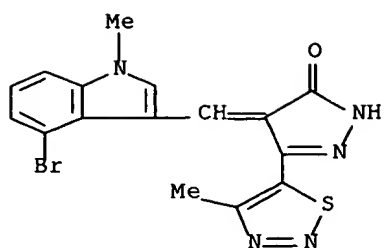
RN 338756-43-7 CAPLUS

CN 3H-Pyrazol-3-one, 2,4-dihydro-4-[(7-methyl-1H-indol-3-yl)methylene]-5-pyrazinyl- (9CI) (CA INDEX NAME)



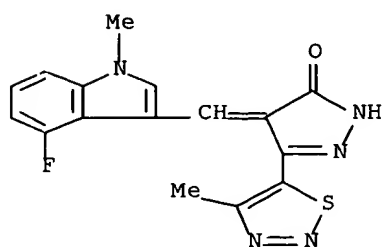
RN 338756-45-9 CAPLUS

CN 3H-Pyrazol-3-one, 4-[(4-bromo-1-methyl-1H-indol-3-yl)methylene]-2,4-dihydro-5-(4-methyl-1,2,3-thiadiazol-5-yl)- (9CI) (CA INDEX NAME)



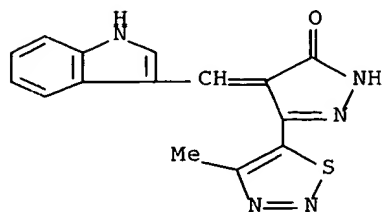
RN 338756-48-2 CAPLUS

CN 3H-Pyrazol-3-one, 4-[(4-fluoro-1-methyl-1H-indol-3-yl)methylene]-2,4-dihydro-5-(4-methyl-1,2,3-thiadiazol-5-yl)- (9CI) (CA INDEX NAME)



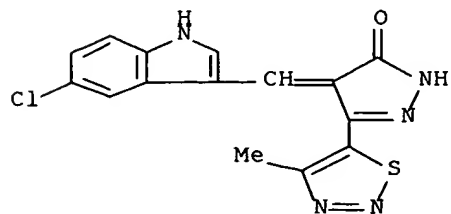
RN 338756-51-7 CAPLUS

CN 3H-Pyrazol-3-one, 2,4-dihydro-4-(1H-indol-3-ylmethylene)-5-(4-methyl-1,2,3-thiadiazol-5-yl)- (9CI) (CA INDEX NAME)

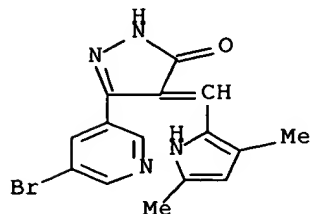


RN 338756-54-0 CAPLUS

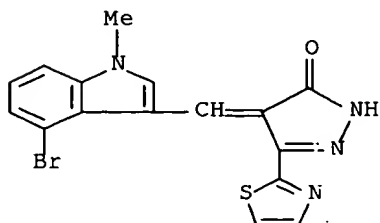
CN 3H-Pyrazol-3-one, 4-[(5-chloro-1H-indol-3-yl)methylene]-2,4-dihydro-5-(4-methyl-1,2,3-thiadiazol-5-yl)- (9CI) (CA INDEX NAME)



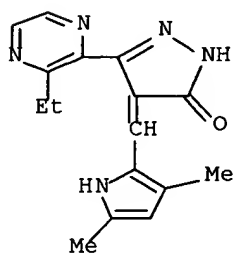
RN 338756-57-3 CAPLUS
 CN 3H-Pyrazol-3-one, 5-(5-bromo-3-pyridinyl)-4-[(3,5-dimethyl-1H-pyrrol-2-yl)methylene]-2,4-dihydro- (9CI) (CA INDEX NAME)



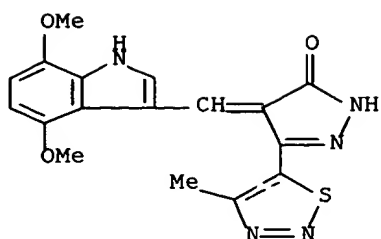
RN 338756-60-8 CAPLUS
 CN 3H-Pyrazol-3-one, 4-[(4-bromo-1-methyl-1H-indol-3-yl)methylene]-2,4-dihydro-5-(2-thiazolyl)- (9CI) (CA INDEX NAME)



RN 338756-63-1 CAPLUS
 CN 3H-Pyrazol-3-one, 4-[(3,5-dimethyl-1H-pyrrol-2-yl)methylene]-5-(3-ethylpyrazinyl)-2,4-dihydro- (9CI) (CA INDEX NAME)

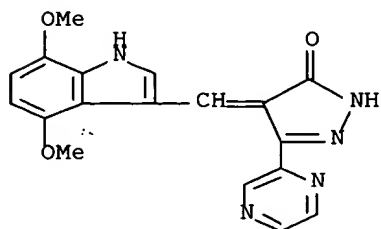


RN 338756-66-4 CAPLUS
 CN 3H-Pyrazol-3-one, 4-[(4,7-dimethoxy-1H-indol-3-yl)methylene]-2,4-dihydro-5-(4-methyl-1,2,3-thiadiazol-5-yl)- (9CI) (CA INDEX NAME)



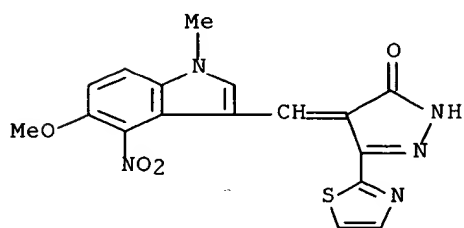
RN 338756-69-7 CAPLUS

CN 3H-Pyrazol-3-one, 4-[(4,7-dimethoxy-1H-indol-3-yl)methylene]-2,4-dihydro-5-pyrazinyl- (9CI) (CA INDEX NAME)



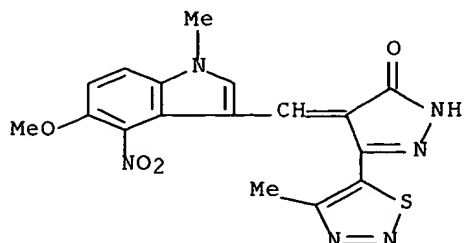
RN 338756-72-2 CAPLUS

CN 3H-Pyrazol-3-one, 2,4-dihydro-4-[(5-methoxy-1-methyl-4-nitro-1H-indol-3-yl)methylene]-5-(2-thiazolyl)- (9CI) (CA INDEX NAME)

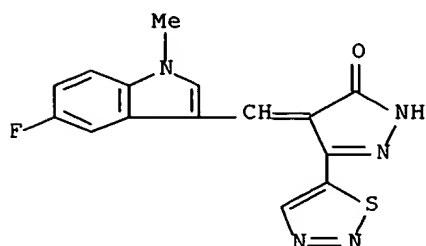


RN 338756-75-5 CAPLUS

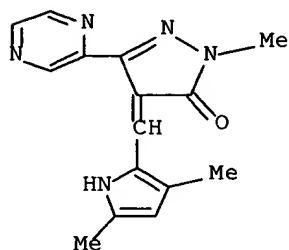
CN 3H-Pyrazol-3-one, 2,4-dihydro-4-[(5-methoxy-1-methyl-4-nitro-1H-indol-3-yl)methylene]-5-(4-methyl-1,2,3-thiadiazol-5-yl)- (9CI) (CA INDEX NAME)



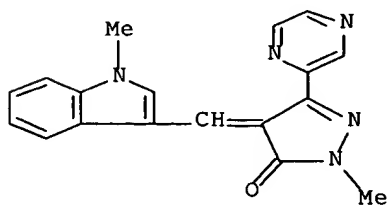
RN 338756-78-8 CAPLUS
 CN 3H-Pyrazol-3-one, 4-[(5-fluoro-1-methyl-1H-indol-3-yl)methylene]-2,4-dihydro-5-(1,2,3-thiadiazol-5-yl)- (9CI) (CA INDEX NAME)



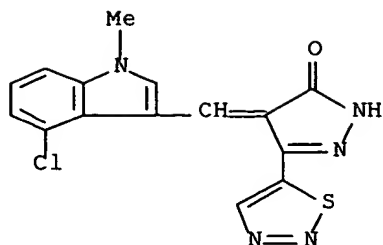
RN 338756-81-3 CAPLUS
 CN 3H-Pyrazol-3-one, 4-[(3,5-dimethyl-1H-pyrrol-2-yl)methylene]-2,4-dihydro-2-methyl-5-pyrazinyl- (9CI) (CA INDEX NAME)



RN 338756-84-6 CAPLUS
 CN 3H-Pyrazol-3-one, 2,4-dihydro-2-methyl-4-[(1-methyl-1H-indol-3-yl)methylene]-5-pyrazinyl- (9CI) (CA INDEX NAME)

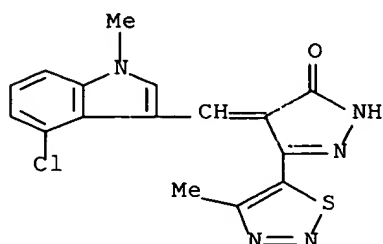


RN 338756-87-9 CAPLUS
 CN 3H-Pyrazol-3-one, 4-[(4-chloro-1-methyl-1H-indol-3-yl)methylene]-2,4-dihydro-5-(1,2,3-thiadiazol-5-yl)- (9CI) (CA INDEX NAME)



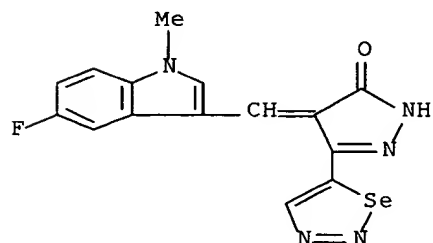
RN 338756-90-4 CAPLUS

CN 3H-Pyrazol-3-one, 4-[(4-chloro-1-methyl-1H-indol-3-yl)methylene]-2,4-dihydro-5-(4-methyl-1,2,3-thiadiazol-5-yl)- (9CI) (CA INDEX NAME)



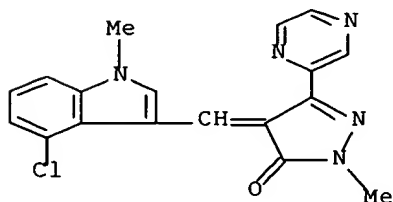
RN 338756-93-7 CAPLUS

CN 3H-Pyrazol-3-one, 4-[(5-fluoro-1-methyl-1H-indol-3-yl)methylene]-2,4-dihydro-5-(1,2,3-selenadiazol-5-yl)- (9CI) (CA INDEX NAME)



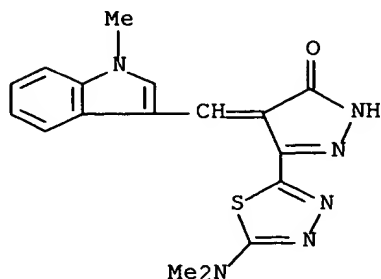
RN 338756-96-0 CAPLUS

CN 3H-Pyrazol-3-one, 4-[(4-chloro-1-methyl-1H-indol-3-yl)methylene]-2,4-dihydro-2-methyl-5-pyrazinyl- (9CI) (CA INDEX NAME)



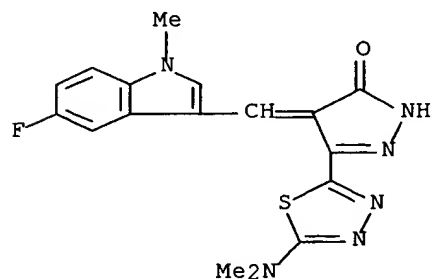
RN 338756-99-3 CAPLUS

CN 3H-Pyrazol-3-one, 5-[5-(dimethylamino)-1,3,4-thiadiazol-2-yl]-2,4-dihydro-
4-[(1-methyl-1H-indol-3-yl)methylene]- (9CI) (CA INDEX NAME)



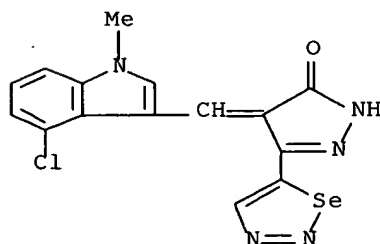
RN 338757-02-1 CAPLUS

CN 3H-Pyrazol-3-one, 5-[5-(dimethylamino)-1,3,4-thiadiazol-2-yl]-4-[(5-fluoro-1-methyl-1H-indol-3-yl)methylene]-2,4-dihydro- (9CI) (CA INDEX NAME)



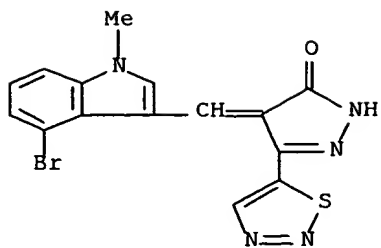
RN 338757-05-4 CAPLUS

CN 3H-Pyrazol-3-one, 4-[(4-chloro-1-methyl-1H-indol-3-yl)methylene]-2,4-dihydro-5-(1,2,3-selenadiazol-5-yl)- (9CI) (CA INDEX NAME)

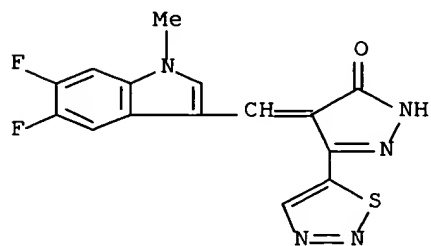


RN 338757-08-7 CAPLUS

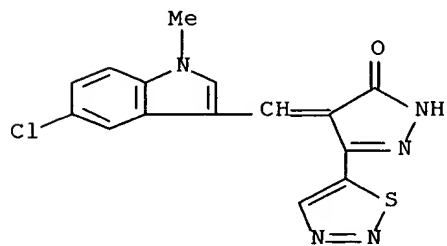
CN 3H-Pyrazol-3-one, 4-[(4-bromo-1-methyl-1H-indol-3-yl)methylene]-2,4-dihydro-5-(1,2,3-thiadiazol-5-yl)- (9CI) (CA INDEX NAME)



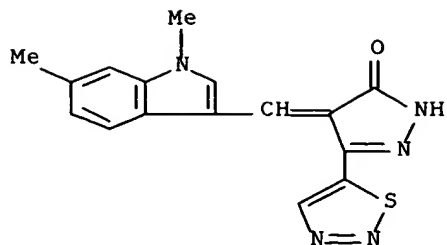
RN 338757-11-2 CAPLUS
 CN 3H-Pyrazol-3-one, 4-[(5,6-difluoro-1-methyl-1H-indol-3-yl)methylene]-2,4-dihydro-5-(1,2,3-thiadiazol-5-yl)- (9CI) (CA INDEX NAME)



RN 338757-14-5 CAPLUS
 CN 3H-Pyrazol-3-one, 4-[(5-chloro-1-methyl-1H-indol-3-yl)methylene]-2,4-dihydro-5-(1,2,3-thiadiazol-5-yl)- (9CI) (CA INDEX NAME)

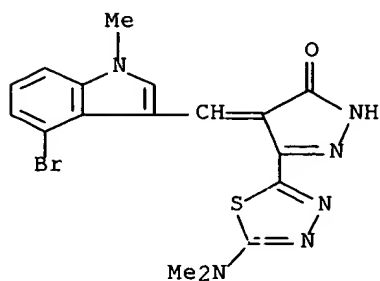


RN 338757-17-8 CAPLUS
 CN 3H-Pyrazol-3-one, 4-[(1,6-dimethyl-1H-indol-3-yl)methylene]-2,4-dihydro-5-(1,2,3-thiadiazol-5-yl)- (9CI) (CA INDEX NAME)



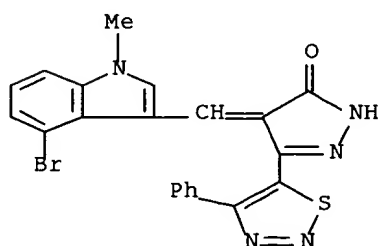
RN 338757-20-3 CAPLUS

CN 3H-Pyrazol-3-one, 4-[(4-bromo-1-methyl-1H-indol-3-yl)methylene]-5-[5-(dimethylamino)-1,3,4-thiadiazol-2-yl]-2,4-dihydro- (9CI) (CA INDEX NAME)



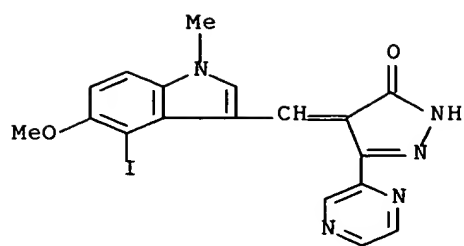
RN 338757-23-6 CAPLUS

CN 3H-Pyrazol-3-one, 4-[(4-bromo-1-methyl-1H-indol-3-yl)methylene]-2,4-dihydro-5-(4-phenyl-1,2,3-thiadiazol-5-yl)- (9CI) (CA INDEX NAME)



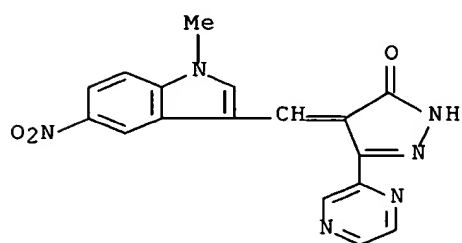
RN 338757-26-9 CAPLUS

CN 3H-Pyrazol-3-one, 2,4-dihydro-4-[(4-iodo-5-methoxy-1-methyl-1H-indol-3-yl)methylene]-5-pyrazinyl- (9CI) (CA INDEX NAME)



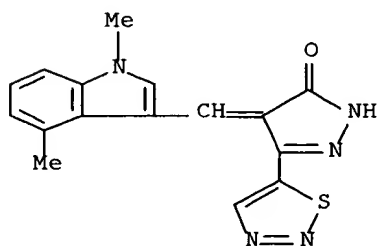
RN 338757-29-2 CAPLUS

CN 3H-Pyrazol-3-one, 2,4-dihydro-4-[(1-methyl-5-nitro-1H-indol-3-yl)methylene]-5-pyrazinyl- (9CI) (CA INDEX NAME)



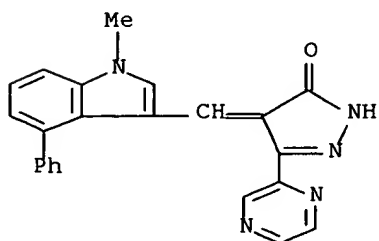
RN 338757-32-7 CAPLUS

CN 3H-Pyrazol-3-one, 4-[(1,4-dimethyl-1H-indol-3-yl)methylene]-2,4-dihydro-5-(1,2,3-thiadiazol-5-yl)- (9CI) (CA INDEX NAME)



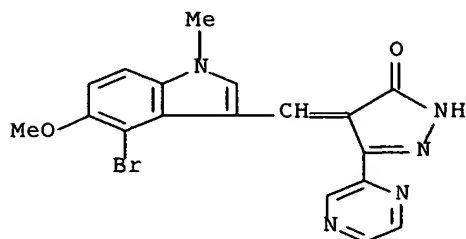
RN 338757-35-0 CAPLUS

CN 3H-Pyrazol-3-one, 2,4-dihydro-4-[(1-methyl-4-phenyl-1H-indol-3-yl)methylene]-5-pyrazinyl- (9CI) (CA INDEX NAME)



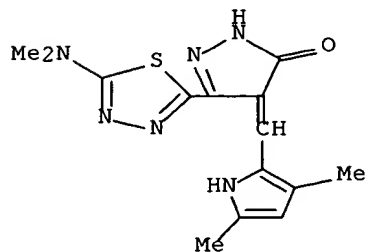
RN 338757-38-3 CAPLUS

CN 3H-Pyrazol-3-one, 4-[(4-bromo-5-methoxy-1-methyl-1H-indol-3-yl)methylene]-
2,4-dihydro-5-pyrazinyl- (9CI) (CA INDEX NAME)



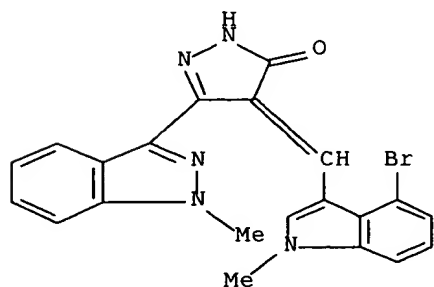
RN 338757-41-8 CAPLUS

CN 3H-Pyrazol-3-one, 5-[5-(dimethylamino)-1,3,4-thiadiazol-2-yl]-4-[(3,5-dimethyl-1H-pyrrol-2-yl)methylene]-2,4-dihydro- (9CI) (CA INDEX NAME)



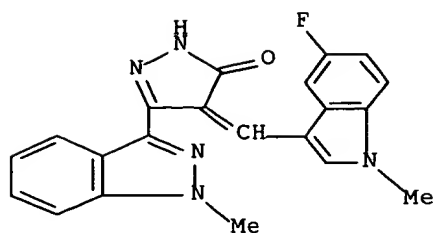
RN 338757-44-1 CAPLUS

CN 3H-Pyrazol-3-one, 4-[(4-bromo-1-methyl-1H-indol-3-yl)methylene]-2,4-dihydro-5-(1-methyl-1H-indazol-3-yl)- (9CI) (CA INDEX NAME)

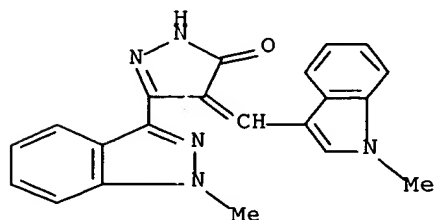


RN 338757-47-4 CAPLUS

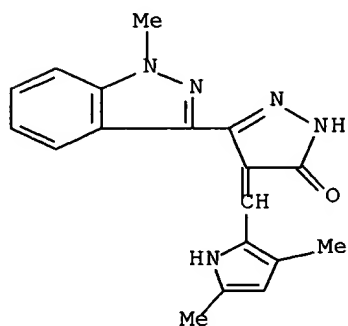
CN 3H-Pyrazol-3-one, 4-[(5-fluoro-1-methyl-1H-indol-3-yl)methylene]-2,4-dihydro-5-(1-methyl-1H-indazol-3-yl)- (9CI) (CA INDEX NAME)



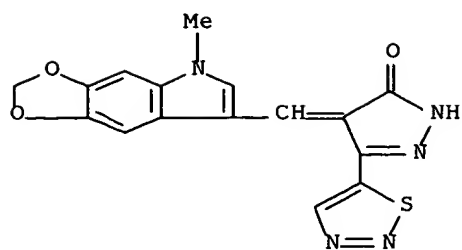
RN 338757-50-9 CAPLUS
 CN 3H-Pyrazol-3-one, 2,4-dihydro-5-((1-methyl-1H-indazol-3-yl)-4-((1-methyl-1H-indol-3-yl)methylene)- (9CI) (CA INDEX NAME)



RN 338757-53-2 CAPLUS
 CN 3H-Pyrazol-3-one, 4-((3,5-dimethyl-1H-pyrrol-2-yl)methylene)-2,4-dihydro-5-((1-methyl-1H-indazol-3-yl)- (9CI) (CA INDEX NAME)

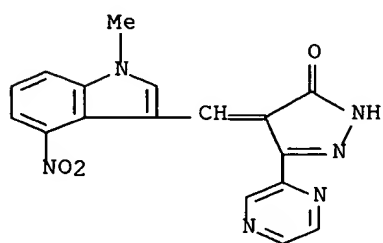


RN 338757-56-5 CAPLUS
 CN 3H-Pyrazol-3-one, 2,4-dihydro-4-((5-methyl-5H-1,3-dioxolo[4,5-f]indol-7-yl)methylene)-5-(1,2,3-thiadiazol-5-yl)- (9CI) (CA INDEX NAME)



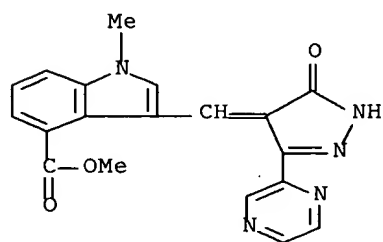
RN 338757-59-8 CAPLUS

CN 3H-Pyrazol-3-one, 2,4-dihydro-4-[(1-methyl-4-nitro-1H-indol-3-yl)methylene]-5-pyrazinyl- (9CI) (CA INDEX NAME)



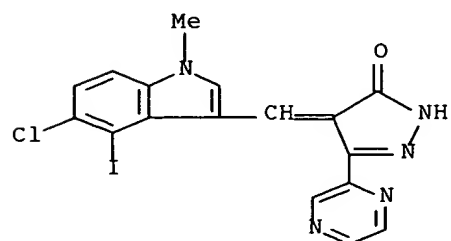
RN 338757-62-3 CAPLUS

CN 1H-Indole-4-carboxylic acid, 3-[(1,5-dihydro-5-oxo-3-pyrazinyl-4H-pyrazol-4-ylidene)methyl]-1-methyl-, methyl ester (9CI) (CA INDEX NAME)



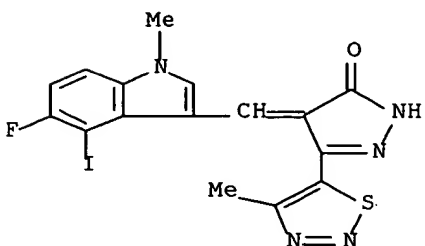
RN 338757-65-6 CAPLUS

CN 3H-Pyrazol-3-one, 4-[(5-chloro-4-iodo-1-methyl-1H-indol-3-yl)methylene]-2,4-dihydro-5-pyrazinyl- (9CI) (CA INDEX NAME)



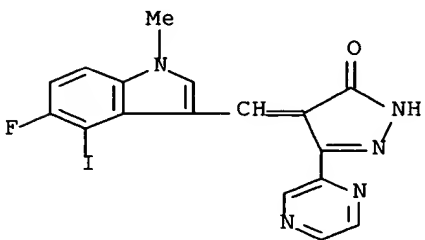
RN 338757-68-9 CAPLUS

CN 3H-Pyrazol-3-one, 4-[(5-fluoro-4-iodo-1-methyl-1H-indol-3-yl)methylene]-
2,4-dihydro-5-(4-methyl-1,2,3-thiadiazol-5-yl)- (9CI) (CA INDEX NAME)



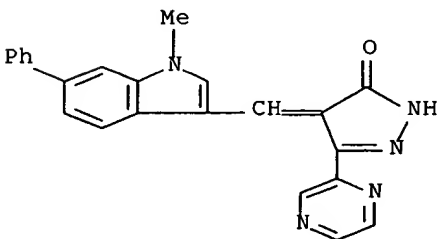
RN 338757-71-4 CAPLUS

CN 3H-Pyrazol-3-one, 4-[(5-fluoro-4-iodo-1-methyl-1H-indol-3-yl)methylene]-
2,4-dihydro-5-pyrazinyl- (9CI) (CA INDEX NAME)



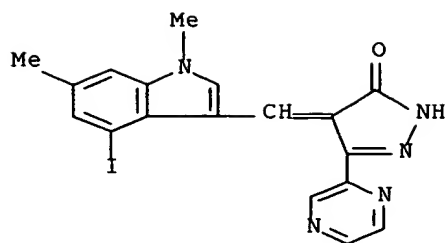
RN 338757-74-7 CAPLUS

CN 3H-Pyrazol-3-one, 2,4-dihydro-4-[(1-methyl-6-phenyl-1H-indol-3-yl)methylene]-5-pyrazinyl- (9CI) (CA INDEX NAME)



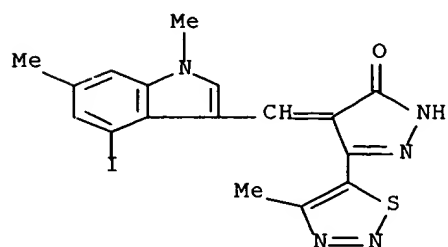
RN 338757-77-0 CAPLUS

CN 3H-Pyrazol-3-one, 2,4-dihydro-4-[(4-iodo-1,6-dimethyl-1H-indol-3-yl)methylene]-5-pyrazinyl- (9CI) (CA INDEX NAME)



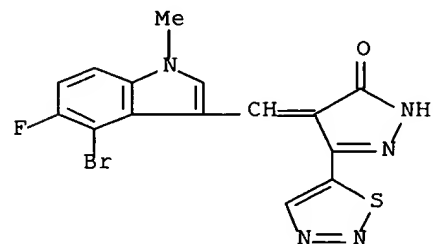
RN 338757-80-5 CAPLUS

CN 3H-Pyrazol-3-one, 2,4-dihydro-4-[(4-iodo-1,6-dimethyl-1H-indol-3-yl)methylene]-5-(4-methyl-1,2,3-thiadiazol-5-yl)- (9CI) (CA INDEX NAME)



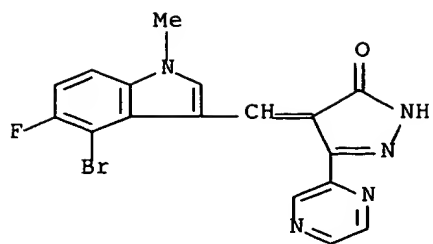
RN 338757-83-8 CAPLUS

CN 3H-Pyrazol-3-one, 4-[(4-bromo-5-fluoro-1-methyl-1H-indol-3-yl)methylene]-2,4-dihydro-5-(1,2,3-thiadiazol-5-yl)- (9CI) (CA INDEX NAME)



RN 338757-86-1 CAPLUS

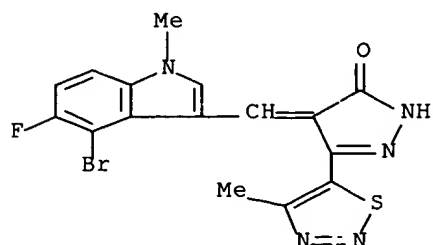
CN 3H-Pyrazol-3-one, 4-[(4-bromo-5-fluoro-1-methyl-1H-indol-3-yl)methylene]-2,4-dihydro-5-pyrazinyl- (9CI) (CA INDEX NAME)



RN 338757-89-4 CAPLUS

CN 3H-Pyrazol-3-one, 4-[(4-bromo-5-fluoro-1-methyl-1H-indol-3-yl)methylene]-

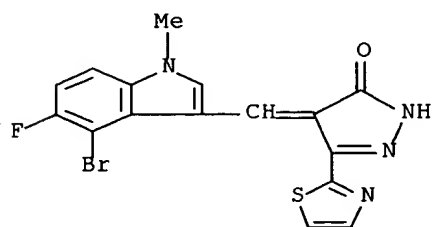
2,4-dihydro-5-(4-methyl-1,2,3-thiadiazol-5-yl)- (9CI) (CA INDEX NAME)



RN 338757-92-9 CAPLUS

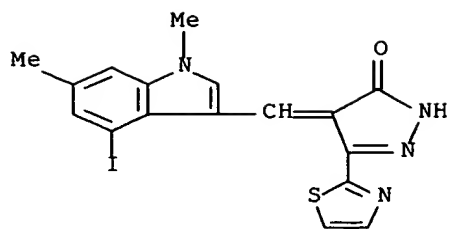
CN 3H-Pyrazol-3-one, 4-[(4-bromo-5-fluoro-1-methyl-1H-indol-3-yl)methylene]-

2,4-dihydro-5-(2-thiazolyl)- (9CI) (CA INDEX NAME)



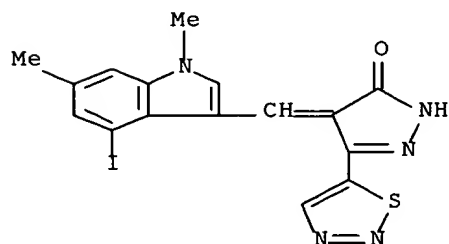
RN 338757-97-4 CAPLUS

CN 3H-Pyrazol-3-one, 2,4-dihydro-4-[(4-iodo-1,6-dimethyl-1H-indol-3-yl)methylene]-5-(2-thiazolyl)- (9CI) (CA INDEX NAME)



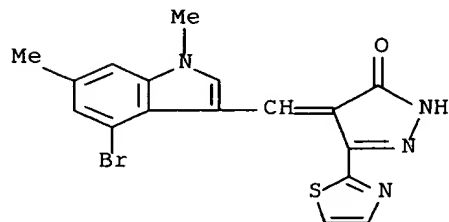
RN 338758-00-2 CAPLUS

CN 3H-Pyrazol-3-one, 2,4-dihydro-4-[(4-iodo-1,6-dimethyl-1H-indol-3-yl)methylene]-5-(1,2,3-thiadiazol-5-yl)- (9CI) (CA INDEX NAME)



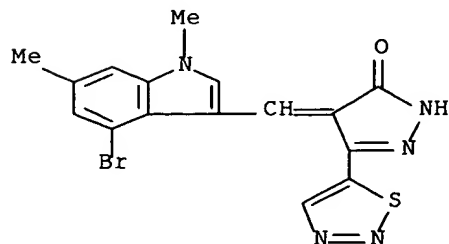
RN 338758-03-5 CAPLUS

CN 3H-Pyrazol-3-one, 4-[(4-bromo-1,6-dimethyl-1H-indol-3-yl)methylene]-2,4-dihydro-5-(2-thiazolyl)- (9CI) (CA INDEX NAME)



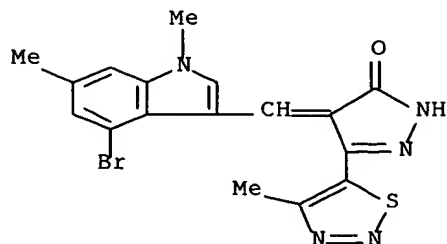
RN 338758-06-8 CAPLUS

CN 3H-Pyrazol-3-one, 4-[(4-bromo-1,6-dimethyl-1H-indol-3-yl)methylene]-2,4-dihydro-5-(1,2,3-thiadiazol-5-yl)- (9CI) (CA INDEX NAME)



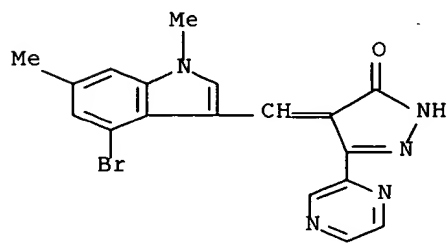
RN 338758-09-1 CAPLUS

CN 3H-Pyrazol-3-one, 4-[(4-bromo-1,6-dimethyl-1H-indol-3-yl)methylene]-2,4-dihydro-5-(4-methyl-1,2,3-thiadiazol-5-yl)- (9CI) (CA INDEX NAME)



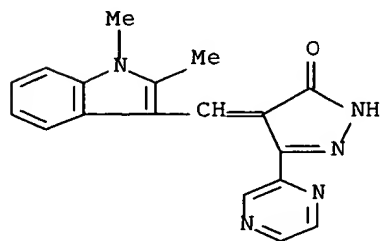
RN 338758-12-6 CAPLUS

CN 3H-Pyrazol-3-one, 4-[(4-bromo-1,6-dimethyl-1H-indol-3-yl)methylene]-2,4-dihydro-5-pyrazinyl- (9CI) (CA INDEX NAME)



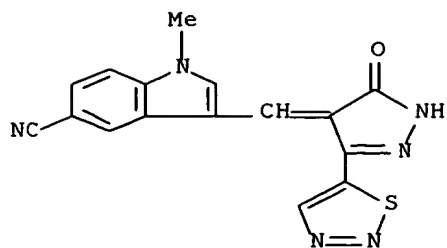
RN 338758-17-1 CAPLUS

CN 3H-Pyrazol-3-one, 4-[(1,2-dimethyl-1H-indol-3-yl)methylene]-2,4-dihydro-5-pyrazinyl- (9CI) (CA INDEX NAME)



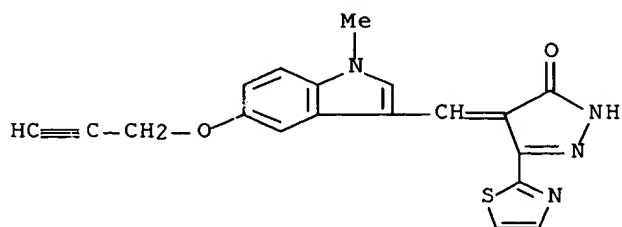
RN 338758-20-6 CAPLUS

CN 1H-Indole-5-carbonitrile, 3-[[1,5-dihydro-5-oxo-3-(1,2,3-thiadiazol-5-yl)-4H-pyrazol-4-ylidene]methyl]-1-methyl- (9CI) (CA INDEX NAME)



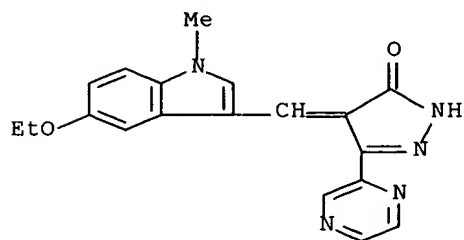
RN 338758-23-9 CAPLUS

CN 3H-Pyrazol-3-one, 2,4-dihydro-4-[[1-methyl-5-(2-propynyloxy)-1H-indol-3-yl)methylene]-5-(2-thiazolyl)- (9CI) (CA INDEX NAME)



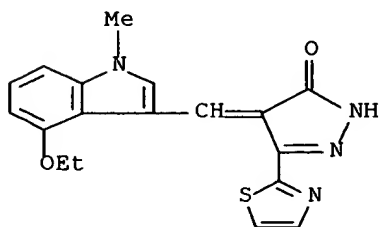
RN 338758-26-2 CAPLUS

CN 3H-Pyrazol-3-one, 4-[(5-ethoxy-1-methyl-1H-indol-3-yl)methylene]-2,4-dihydro-5-pyrazinyl- (9CI) (CA INDEX NAME)

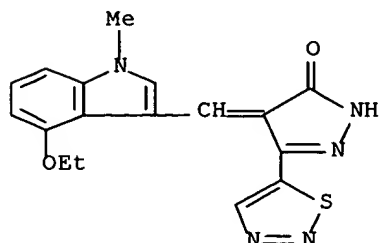


RN 338758-29-5 CAPLUS

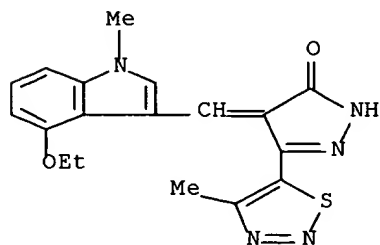
CN 3H-Pyrazol-3-one, 4-[(4-ethoxy-1-methyl-1H-indol-3-yl)methylene]-2,4-dihydro-5-(2-thiazolyl)- (9CI) (CA INDEX NAME)



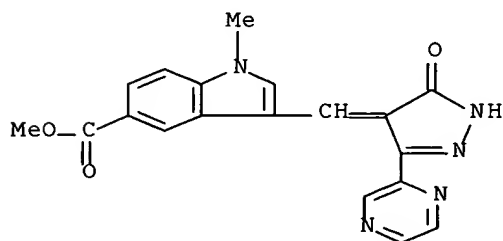
RN 338758-32-0 CAPLUS
 CN 3H-Pyrazol-3-one, 4-[(4-ethoxy-1-methyl-1H-indol-3-yl)methylene]-2,4-dihydro-5-(1,2,3-thiadiazol-5-yl)- (9CI) (CA INDEX NAME)



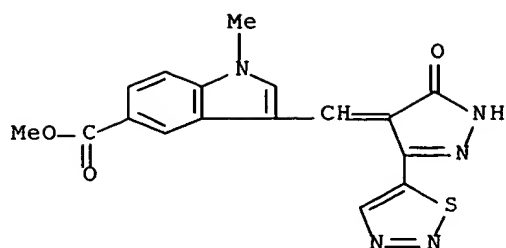
RN 338758-35-3 CAPLUS
 CN 3H-Pyrazol-3-one, 4-[(4-ethoxy-1-methyl-1H-indol-3-yl)methylene]-2,4-dihydro-5-(4-methyl-1,2,3-thiadiazol-5-yl)- (9CI) (CA INDEX NAME)



RN 338758-38-6 CAPLUS
 CN 1H-Indole-5-carboxylic acid, 3-[[1,5-dihydro-5-oxo-3-pyrazinyl-4H-pyrazol-4-ylidene)methyl]-1-methyl-, methyl ester (9CI) (CA INDEX NAME)

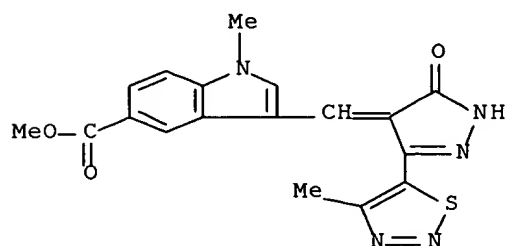


RN 338758-41-1 CAPLUS
 CN 1H-Indole-5-carboxylic acid, 3-[[1,5-dihydro-5-oxo-3-(1,2,3-thiadiazol-5-yl)-4H-pyrazol-4-ylidene)methyl]-1-methyl-, methyl ester (9CI) (CA INDEX NAME)



RN 338758-44-4 CAPLUS

CN 1H-Indole-5-carboxylic acid, 3-[[1,5-dihydro-3-(4-methyl-1,2,3-thiadiazol-5-yl)-5-oxo-4H-pyrazol-4-ylidene]methyl]-1-methyl-, methyl ester (9CI)
(CA INDEX NAME)



IT 338758-47-7P 338758-50-2P 338758-53-5P
338758-56-8P 338758-59-1P 338758-62-6P
338758-65-9P 338758-68-2P 338758-71-7P
338758-74-0P 338758-77-3P 338758-80-8P
338758-82-0P 338758-85-3P 338758-88-6P
338758-91-1P 338758-94-4P 338758-96-6P
338758-99-9P 338759-02-7P 338759-05-0P
338759-08-3P 338759-11-8P 338759-14-1P
338759-17-4P 338759-20-9P 338759-22-1P
338759-25-4P 338759-28-7P 338759-31-2P
338759-34-5P 338759-37-8P 338759-40-3P
338759-43-6P 338759-46-9P 338759-51-6P
338759-54-9P 338759-57-2P 338759-60-7P
338759-63-0P 338759-66-3P 338759-69-6P
338759-72-1P 338759-75-4P 338759-78-7P
338759-81-2P 338759-84-5P 338759-87-8P
338759-90-3P 338759-93-6P 338759-96-9P
338759-99-2P 338760-02-4P 338760-05-7P
338760-08-0P 338760-14-8P

RL: BAC (Biological activity or effector, except adverse); SPN

(Synthetic

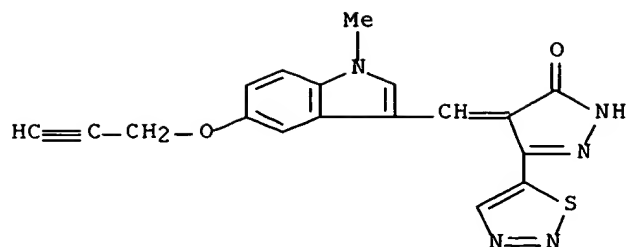
preparation); THU (Therapeutic use); BIOL (Biological study); PREP

(Preparation); USES (Uses)

(prepn. of heterocyclylpyrazolinones as protein kinase inhibitors)

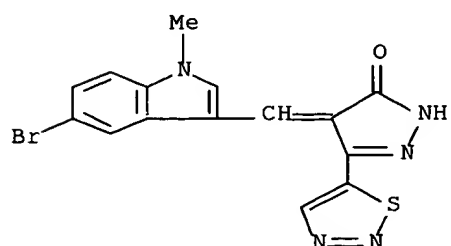
RN 338758-47-7 CAPLUS

CN 3H-Pyrazol-3-one, 2,4-dihydro-4-[[1-methyl-5-(2-propynyloxy)-1H-indol-3-yl]methylene]-5-(1,2,3-thiadiazol-5-yl)- (9CI) (CA INDEX NAME)



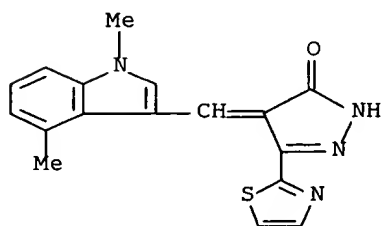
RN 338758-50-2 CAPLUS

CN 3H-Pyrazol-3-one, 4-[(5-bromo-1-methyl-1H-indol-3-yl)methylene]-2,4-dihydro-5-(1,2,3-thiadiazol-5-yl)- (9CI) (CA INDEX NAME)



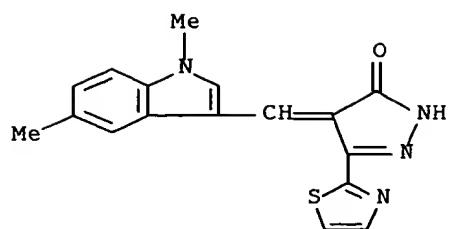
RN 338758-53-5 CAPLUS

CN 3H-Pyrazol-3-one, 4-[(1,4-dimethyl-1H-indol-3-yl)methylene]-2,4-dihydro-5-(2-thiazolyl)- (9CI) (CA INDEX NAME)

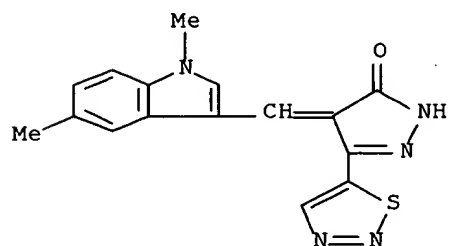


RN 338758-56-8 CAPLUS

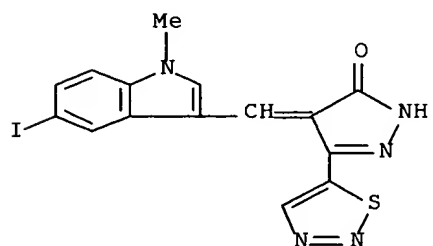
CN 3H-Pyrazol-3-one, 4-[(1,5-dimethyl-1H-indol-3-yl)methylene]-2,4-dihydro-5-(2-thiazolyl)- (9CI) (CA INDEX NAME)



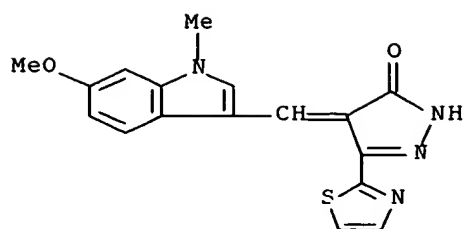
RN 338758-59-1 CAPLUS
 CN 3H-Pyrazol-3-one, 4-[(1,5-dimethyl-1H-indol-3-yl)methylene]-2,4-dihydro-
 5-
 (1,2,3-thiadiazol-5-yl)- (9CI) (CA INDEX NAME)



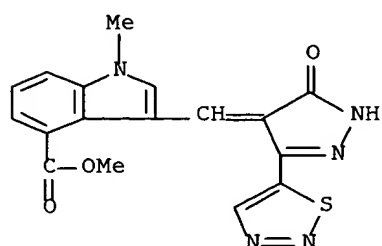
RN 338758-62-6 CAPLUS
 CN 3H-Pyrazol-3-one, 2,4-dihydro-4-[(5-iodo-1-methyl-1H-indol-3-
 yl)methylene]-
 5-(1,2,3-thiadiazol-5-yl)- (9CI) (CA INDEX NAME)



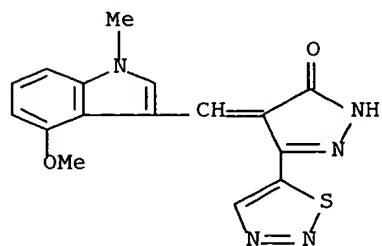
RN 338758-65-9 CAPLUS
 CN 3H-Pyrazol-3-one, 2,4-dihydro-4-[(6-methoxy-1-methyl-1H-indol-3-
 yl)methylene]-5-(2-thiazolyl)- (9CI) (CA INDEX NAME)



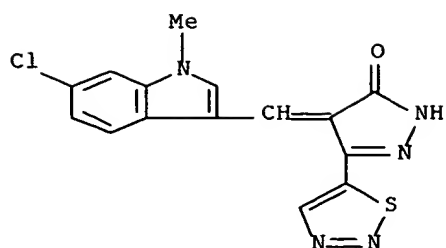
RN 338758-68-2 CAPLUS
 CN 1H-Indole-4-carboxylic acid, 3-[[1,5-dihydro-5-oxo-3-(1,2,3-thiadiazol-5-yl)-4H-pyrazol-4-ylidene]methyl]-1-methyl-, methyl ester (9CI) (CA INDEX NAME)



RN 338758-71-7 CAPLUS
 CN 3H-Pyrazol-3-one, 2,4-dihydro-4-[(4-methoxy-1-methyl-1H-indol-3-yl)methylene]-5-(1,2,3-thiadiazol-5-yl)- (9CI) (CA INDEX NAME)

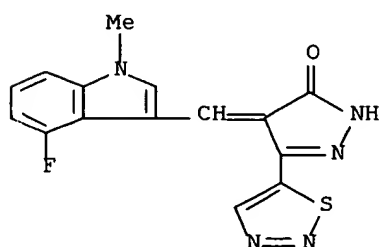


RN 338758-74-0 CAPLUS
 CN 3H-Pyrazol-3-one, 4-[(6-chloro-1-methyl-1H-indol-3-yl)methylene]-2,4-dihydro-5-(1,2,3-thiadiazol-5-yl)- (9CI) (CA INDEX NAME)



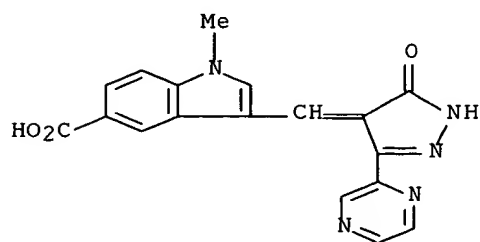
RN 338758-77-3 CAPLUS

CN 3H-Pyrazol-3-one, 4-[(4-fluoro-1-methyl-1H-indol-3-yl)methylene]-2,4-dihydro-5-(1,2,3-thiadiazol-5-yl)- (9CI) (CA INDEX NAME)



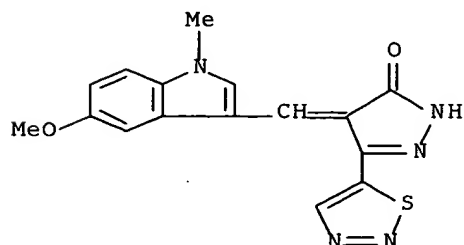
RN 338758-80-8 CAPLUS

CN 1H-Indole-5-carboxylic acid, 3-[(1,5-dihydro-5-oxo-3-pyrazinyl-4H-pyrazol-4-ylidene)methyl]-1-methyl- (9CI) (CA INDEX NAME)

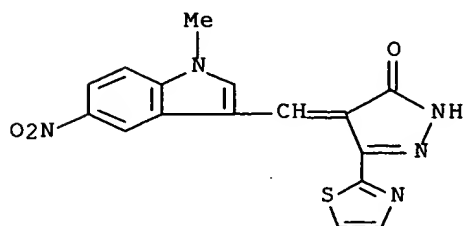


RN 338758-82-0 CAPLUS

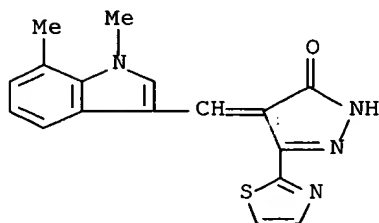
CN 3H-Pyrazol-3-one, 2,4-dihydro-4-[(5-methoxy-1-methyl-1H-indol-3-yl)methylene]-5-(1,2,3-thiadiazol-5-yl)- (9CI) (CA INDEX NAME)



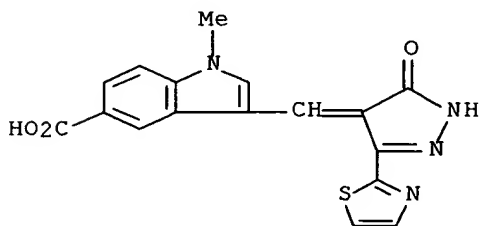
RN 338758-85-3 CAPLUS
 CN 3H-Pyrazol-3-one, 2,4-dihydro-4-[(1-methyl-5-nitro-1H-indol-3-yl)methylene]-5-(2-thiazolyl)- (9CI) (CA INDEX NAME)



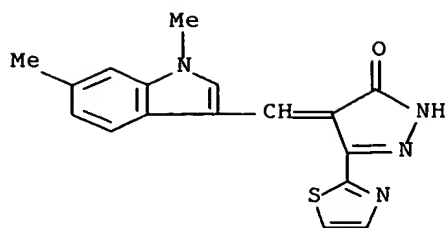
RN 338758-88-6 CAPLUS
 CN 3H-Pyrazol-3-one, 4-[(1,7-dimethyl-1H-indol-3-yl)methylene]-2,4-dihydro-5-(2-thiazolyl)- (9CI) (CA INDEX NAME)



RN 338758-91-1 CAPLUS
 CN 1H-Indole-5-carboxylic acid, 3-[[1,5-dihydro-5-oxo-3-(2-thiazolyl)-4H-pyrazol-4-ylidene]methyl]-1-methyl- (9CI) (CA INDEX NAME)

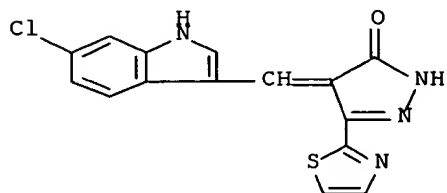


RN 338758-94-4 CAPLUS
 CN 3H-Pyrazol-3-one, 4-[(1,6-dimethyl-1H-indol-3-yl)methylene]-2,4-dihydro-5-(2-thiazolyl)- (9CI) (CA INDEX NAME)



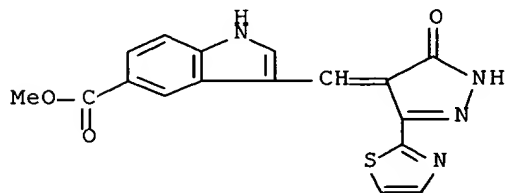
RN 338758-96-6 CAPLUS

CN 3H-Pyrazol-3-one, 4-[(6-chloro-1H-indol-3-yl)methylene]-2,4-dihydro-5-(2-thiazolyl)- (9CI) (CA INDEX NAME)



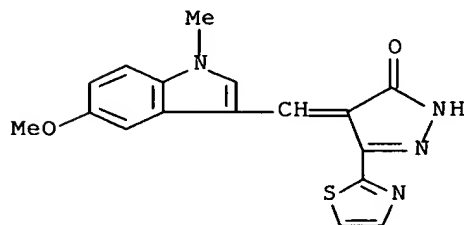
RN 338758-99-9 CAPLUS

CN 1H-Indole-5-carboxylic acid, 3-[[1,5-dihydro-5-oxo-3-(2-thiazolyl)-4H-pyrazol-4-ylidene]methyl]-, methyl ester (9CI) (CA INDEX NAME)



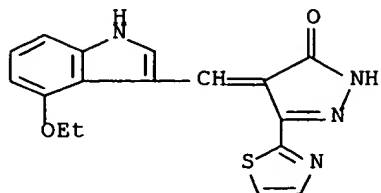
RN 338759-02-7 CAPLUS

CN 3H-Pyrazol-3-one, 2,4-dihydro-4-[(5-methoxy-1-methyl-1H-indol-3-yl)methylene]-5-(2-thiazolyl)- (9CI) (CA INDEX NAME)

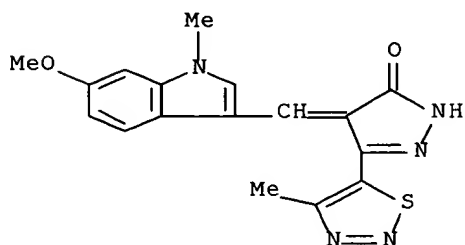


RN 338759-05-0 CAPLUS

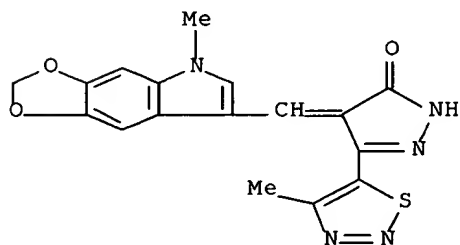
CN 3H-Pyrazol-3-one, 4-[(4-ethoxy-1H-indol-3-yl)methylene]-2,4-dihydro-5-(2-thiazolyl)- (9CI) (CA INDEX NAME)



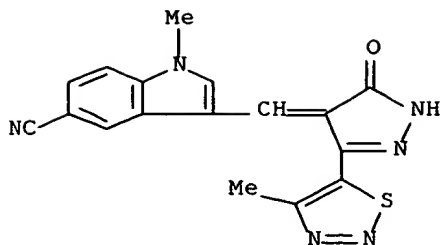
RN 338759-08-3 CAPLUS
CN 3H-Pyrazol-3-one, 2,4-dihydro-4-[(6-methoxy-1-methyl-1H-indol-3-yl)methylene]-5-(4-methyl-1,2,3-thiadiazol-5-yl)- (9CI) (CA INDEX NAME)



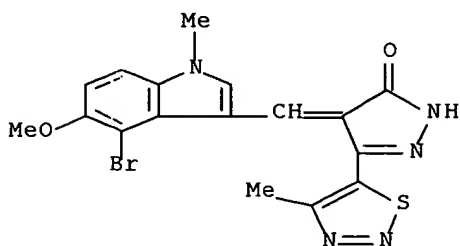
RN 338759-11-8 CAPLUS
CN 3H-Pyrazol-3-one, 2,4-dihydro-4-[(5-methyl-5H-1,3-dioxolo[4,5-f]indol-7-yl)methylene]-5-(4-methyl-1,2,3-thiadiazol-5-yl)- (9CI) (CA INDEX NAME)



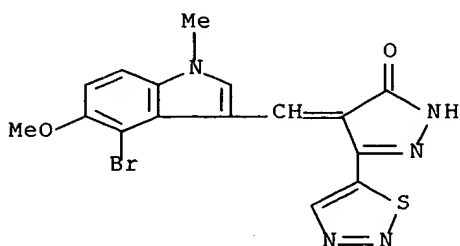
RN 338759-14-1 CAPLUS
CN 1H-Indole-5-carbonitrile, 3-[[1,5-dihydro-3-(4-methyl-1,2,3-thiadiazol-5-yl)-5-oxo-4H-pyrazol-4-ylidene]methyl]-1-methyl- (9CI) (CA INDEX NAME)



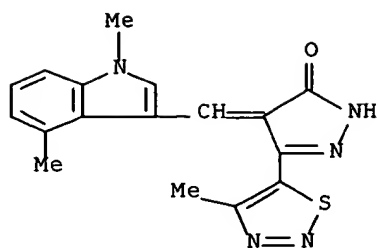
RN 338759-17-4 CAPLUS
 CN 3H-Pyrazol-3-one, 4-[(4-bromo-5-methoxy-1-methyl-1H-indol-3-yl)methylene]-
 2,4-dihydro-5-(4-methyl-1,2,3-thiadiazol-5-yl)- (9CI) (CA INDEX NAME)



RN 338759-20-9 CAPLUS
 CN 3H-Pyrazol-3-one, 4-[(4-bromo-5-methoxy-1-methyl-1H-indol-3-yl)methylene]-
 2,4-dihydro-5-(1,2,3-thiadiazol-5-yl)- (9CI) (CA INDEX NAME)

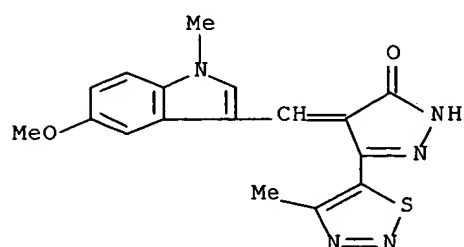


RN 338759-22-1 CAPLUS
 CN 3H-Pyrazol-3-one, 4-[(1,4-dimethyl-1H-indol-3-yl)methylene]-2,4-dihydro-
 5-(4-methyl-1,2,3-thiadiazol-5-yl)- (9CI) (CA INDEX NAME)



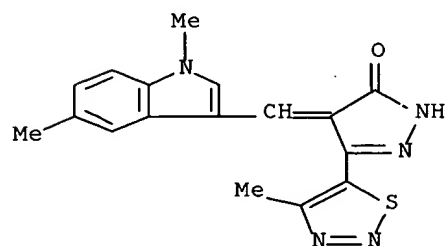
RN 338759-25-4 CAPLUS

CN 3H-Pyrazol-3-one, 2,4-dihydro-4-[(5-methoxy-1-methyl-1H-indol-3-yl)methylene]-5-(4-methyl-1,2,3-thiadiazol-5-yl)- (9CI) (CA INDEX NAME)



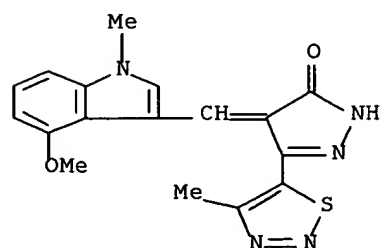
RN 338759-28-7 CAPLUS

CN 3H-Pyrazol-3-one, 4-[(1,5-dimethyl-1H-indol-3-yl)methylene]-2,4-dihydro-5-(4-methyl-1,2,3-thiadiazol-5-yl)- (9CI) (CA INDEX NAME)

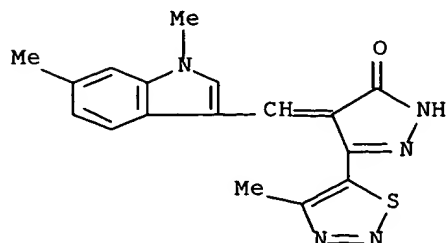


RN 338759-31-2 CAPLUS

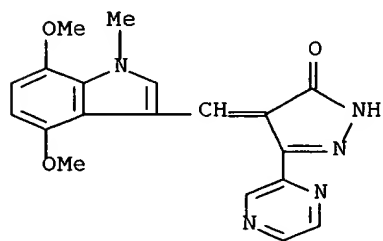
CN 3H-Pyrazol-3-one, 4-[(4-methoxy-1-methyl-1H-indol-3-yl)methylene]-2,4-dihydro-5-(4-methyl-1,2,3-thiadiazol-5-yl)- (9CI) (CA INDEX NAME)



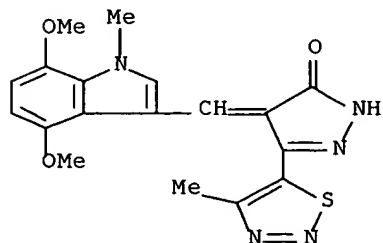
RN 338759-34-5 CAPLUS
 CN 3H-Pyrazol-3-one, 4-[(1,6-dimethyl-1H-indol-3-yl)methylene]-2,4-dihydro-
 5-
 (4-methyl-1,2,3-thiadiazol-5-yl)- (9CI) (CA INDEX NAME)



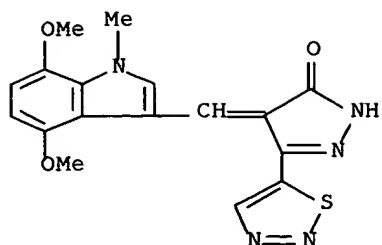
RN 338759-37-8 CAPLUS
 CN 3H-Pyrazol-3-one, 4-[(4,7-dimethoxy-1-methyl-1H-indol-3-yl)methylene]-
 2,4-
 dihydro-5-pyrazinyl- (9CI) (CA INDEX NAME)



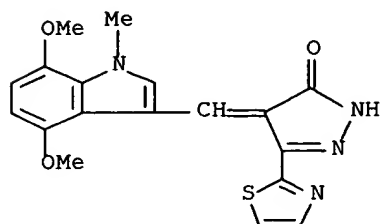
RN 338759-40-3 CAPLUS
 CN 3H-Pyrazol-3-one, 4-[(4,7-dimethoxy-1-methyl-1H-indol-3-yl)methylene]-
 2,4-
 dihydro-5-(4-methyl-1,2,3-thiadiazol-5-yl)- (9CI) (CA INDEX NAME)



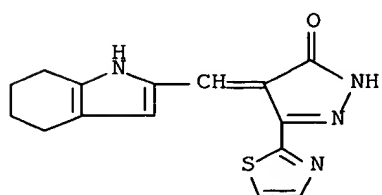
RN 338759-43-6 CAPLUS
 CN 3H-Pyrazol-3-one, 4-[(4,7-dimethoxy-1-methyl-1H-indol-3-yl)methylene]-
 2,4-
 dihydro-5-(1,2,3-thiadiazol-5-yl)- (9CI) (CA INDEX NAME)



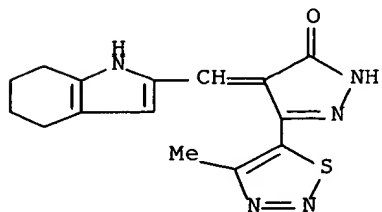
RN 338759-46-9 CAPLUS
 CN 3H-Pyrazol-3-one, 4-[(4,7-dimethoxy-1-methyl-1H-indol-3-yl)methylene]-
 2,4-
 dihydro-5-(2-thiazolyl)- (9CI) (CA INDEX NAME)



RN 338759-51-6 CAPLUS
 CN 3H-Pyrazol-3-one, 2,4-dihydro-4-[(4,5,6,7-tetrahydro-1H-indol-2-
 yl)methylene]-5-(2-thiazolyl)- (9CI) (CA INDEX NAME)

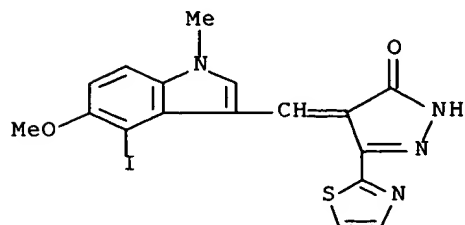


RN 338759-54-9 CAPLUS
 CN 3H-Pyrazol-3-one, 2,4-dihydro-5-(4-methyl-1,2,3-thiadiazol-5-yl)-4-
 [(4,5,6,7-tetrahydro-1H-indol-2-yl)methylene]- (9CI) (CA INDEX NAME)



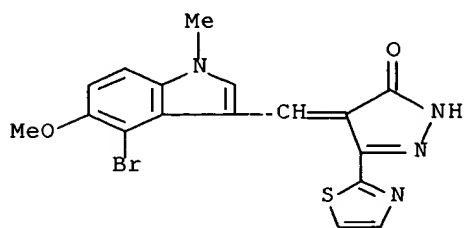
RN 338759-57-2 CAPLUS

CN 3H-Pyrazol-3-one, 2,4-dihydro-4-[(4-iodo-5-methoxy-1-methyl-1H-indol-3-yl)methylene]-5-(2-thiazolyl)- (9CI) (CA INDEX NAME)



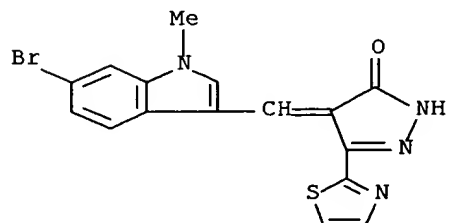
RN 338759-60-7 CAPLUS

CN 3H-Pyrazol-3-one, 4-[(4-bromo-5-methoxy-1-methyl-1H-indol-3-yl)methylene]-2,4-dihydro-5-(2-thiazolyl)- (9CI) (CA INDEX NAME)



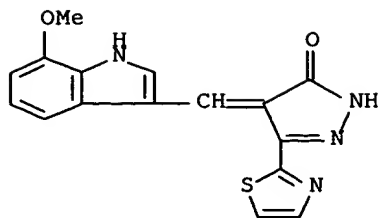
RN 338759-63-0 CAPLUS

CN 3H-Pyrazol-3-one, 4-[(6-bromo-1-methyl-1H-indol-3-yl)methylene]-2,4-dihydro-5-(2-thiazolyl)- (9CI) (CA INDEX NAME)



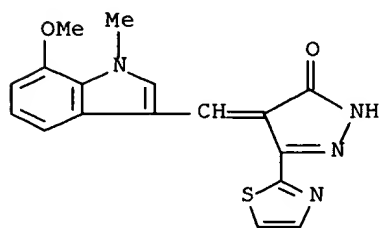
RN 338759-66-3 CAPLUS

CN 3H-Pyrazol-3-one, 2,4-dihydro-4-[(7-methoxy-1H-indol-3-yl)methylene]-5-(2-thiazolyl)- (9CI) (CA INDEX NAME)



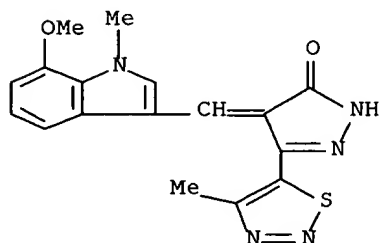
RN 338759-69-6 CAPLUS

CN 3H-Pyrazol-3-one, 2,4-dihydro-4-[(7-methoxy-1-methyl-1H-indol-3-yl)methylene]-5-(2-thiazolyl)- (9CI) (CA INDEX NAME)



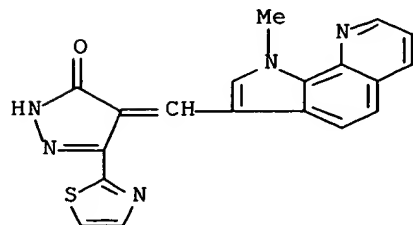
RN 338759-72-1 CAPLUS

CN 3H-Pyrazol-3-one, 2,4-dihydro-4-[(7-methoxy-1-methyl-1H-indol-3-yl)methylene]-5-(4-methyl-1,2,3-thiadiazol-5-yl)- (9CI) (CA INDEX NAME)



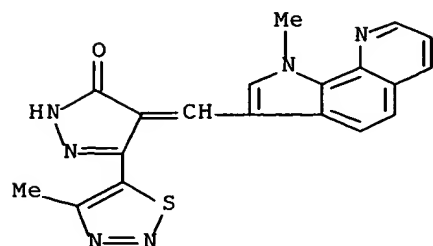
RN 338759-75-4 CAPLUS

CN 3H-Pyrazol-3-one, 2,4-dihydro-4-[(1-methyl-1H-pyrrolo[3,2-h]quinolin-3-yl)methylene]-5-(2-thiazolyl)- (9CI) (CA INDEX NAME)



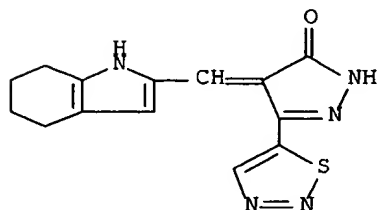
RN 338759-78-7 CAPLUS

CN 3H-Pyrazol-3-one, 2,4-dihydro-4-[(1-methyl-1H-pyrrolo[3,2-h]quinolin-3-yl)methylene]-5-(4-methyl-1,2,3-thiadiazol-5-yl)- (9CI) (CA INDEX NAME)



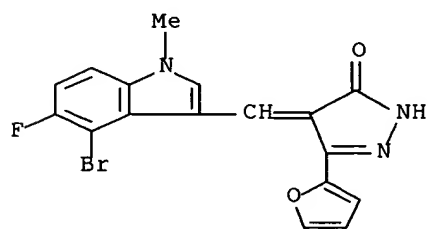
RN 338759-81-2 CAPLUS

CN 3H-Pyrazol-3-one, 2,4-dihydro-4-[(4,5,6,7-tetrahydro-1H-indol-2-yl)methylene]-5-(1,2,3-thiadiazol-5-yl)- (9CI) (CA INDEX NAME)



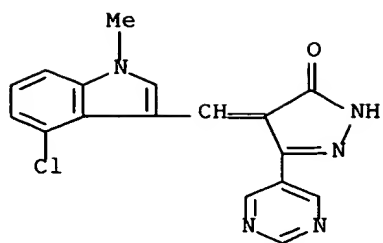
RN 338759-84-5 CAPLUS

CN 3H-Pyrazol-3-one, 4-[(4-bromo-5-fluoro-1-methyl-1H-indol-3-yl)methylene]-5-(2-furanyl)-2,4-dihydro- (9CI) (CA INDEX NAME)



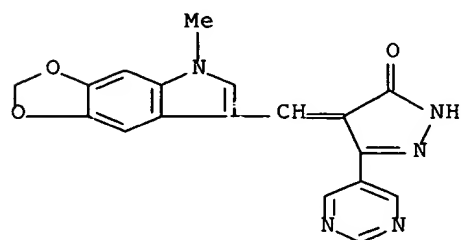
RN 338759-87-8 CAPLUS

CN 3H-Pyrazol-3-one, 4-[(4-chloro-1-methyl-1H-indol-3-yl)methylene]-2,4-dihydro-5-(5-pyrimidinyl)- (9CI) (CA INDEX NAME)



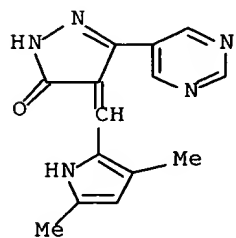
RN 338759-90-3 CAPLUS

CN 3H-Pyrazol-3-one, 2,4-dihydro-4-[(5-methyl-5H-1,3-dioxolo[4,5-f]indol-7-yl)methylene]-5-(5-pyrimidinyl)- (9CI) (CA INDEX NAME)



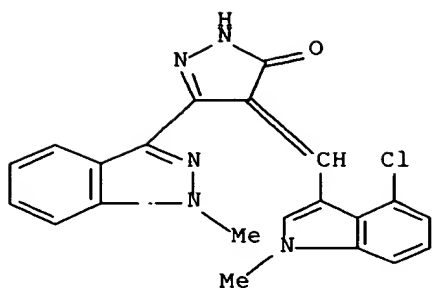
RN 338759-93-6 CAPLUS

CN 3H-Pyrazol-3-one, 4-[(3,5-dimethyl-1H-pyrrol-2-yl)methylene]-2,4-dihydro-5-(5-pyrimidinyl)- (9CI) (CA INDEX NAME)

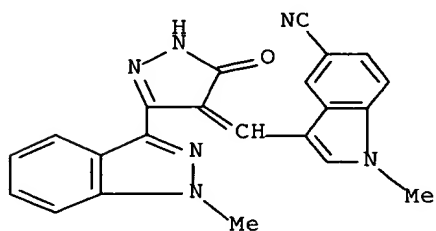


RN 338759-96-9 CAPLUS

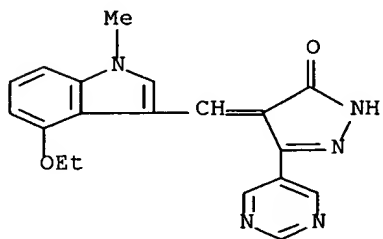
CN 3H-Pyrazol-3-one, 4-[(4-chloro-1-methyl-1H-indol-3-yl)methylene]-2,4-dihydro-5-(1-methyl-1H-indazol-3-yl)- (9CI) (CA INDEX NAME)



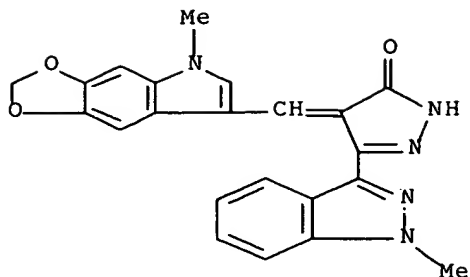
RN 338759-99-2 CAPLUS
 CN 1H-Indole-5-carbonitrile, 3-[[1,5-dihydro-3-(1-methyl-1H-indazol-3-yl)-
 5-oxo-4H-pyrazol-4-ylidene]methyl]-1-methyl- (9CI) (CA INDEX NAME)



RN 338760-02-4 CAPLUS
 CN 3H-Pyrazol-3-one, 4-[(4-ethoxy-1-methyl-1H-indol-3-yl)methylene]-2,4-dihydro-5-(5-pyrimidinyl)- (9CI) (CA INDEX NAME)

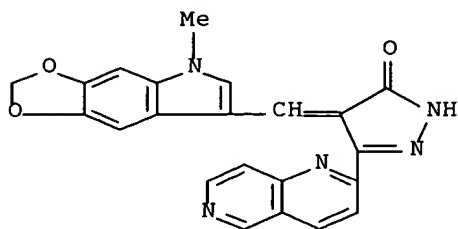


RN 338760-05-7 CAPLUS
 CN 3H-Pyrazol-3-one, 2,4-dihydro-4-[(5-methyl-5H-1,3-dioxolo[4,5-f]indol-7-yl)methylene]-5-(1-methyl-1H-indazol-3-yl)- (9CI) (CA INDEX NAME)



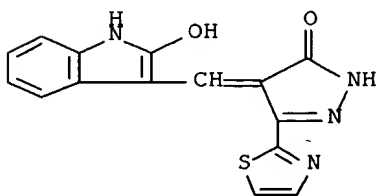
RN 338760-08-0 CAPLUS

CN 3H-Pyrazol-3-one, 2,4-dihydro-4-[(5-methyl-5H-1,3-dioxolo[4,5-f]indol-7-yl)methylene]-5-(1,6-naphthyridin-2-yl)- (9CI) (CA INDEX NAME)



RN 338760-14-8 CAPLUS

CN 3H-Pyrazol-3-one, 2,4-dihydro-4-[(2-hydroxy-1H-indol-3-yl)methylene]-5-(2-thiazolyl)- (9CI) (CA INDEX NAME)

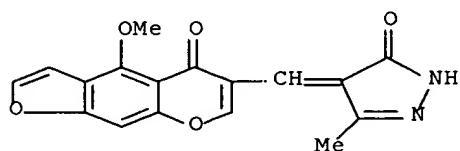


RE.CNT 8

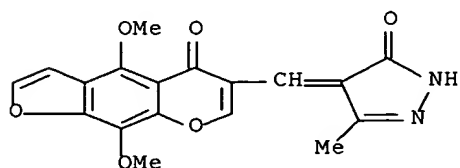
RE

- (1) Beretta, P; US 4035190 A 1977 CAPLUS
 - (2) Hans-Joachim, S; US 4909827 A 1990 CAPLUS
 - (3) Hans-Joachim, S; US 5174808 A 1992 CAPLUS
 - (4) Konica Corp; JP 10151868 A 1998 CAPLUS
 - (5) Maier, R; US 3717629 A 1973 CAPLUS
- ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 4 OF 190 CAPLUS COPYRIGHT 2001 ACS
 AN 2000:841420 CAPLUS
 DN 134:115877
 TI Synthesis and reactions of some new hydroxymethylene spirofurobenzopyran derivatives
 AU Abdel-Rahman, A. H.; Khalil, A. M.; Keshk, E. M.
 CS Department of Chemistry, Faculty of Science, Mansoura University, Mansoura, Egypt
 SO Chem. Pap. (2000), 54(5), 324-331
 CODEN: CHPAEG; ISSN: 0366-6352
 PB Slovak Academic Press Ltd.
 DT Journal
 LA English
 AB Claisen condensation of furochromanone derivs. with Et formate yielded 6-(hydroxymethylene)furobenzopyran derivs.; these with hydrazine hydrate, phenylhydrazine, hydroxylammonium chloride, malononitrile, and Et cyanoacetate afforded furopyrazolobenzopyran, fuoroisoxazolobenzopyran, and fuopyranobenzopyran derivs. Condensation reaction of furobenzopyran-6-carbaldehyde derivs. with indan-1,3-dione gave furobenzopyranylmethylenindan-1,3-dione derivs., which gave indanopyridine derivs. on treatment with ammonia. Moreover, condensation reaction with dimedone, pyrazolone, barbituric acid, and thiobarbituric acid yielded oxanthenylylfurobenzopyran derivs., furobenzopyranylmethylenepyrazolones, and furobenzopyranylmethylenobarbituric resp. -thiobarbituric acid.
 IT 321562-89-4P 321562-91-8P
 RL: SPN (Synthetic preparation); PREP (Preparation)
 (prepn. of hydroxymethylene spirofurobenzopyran derivs.)
 RN 321562-89-4 CAPLUS
 CN 3H-Pyrazol-3-one, 2,4-dihydro-4-[(4-methoxy-5-oxo-5H-furo[3,2-g][1]benzopyran-6-yl)methylene]-5-methyl- (9CI) (CA INDEX NAME)



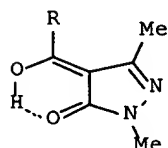
RN 321562-91-8 CAPLUS
 CN 3H-Pyrazol-3-one, 4-[(4,9-dimethoxy-5-oxo-5H-furo[3,2-g][1]benzopyran-6-yl)methylene]-2,4-dihydro-5-methyl- (9CI) (CA INDEX NAME)



RE.CNT 14
 RE

- (1) Abu-Shady, H; J Pharm Sci 1970, V11, P295 CAPLUS
 - (2) Cox, J; Adv Drug Res 1970, V5, P115 CAPLUS
 - (3) Eiden, F; Arch Pharm 1983, V316, P201 CAPLUS
 - (5) Gammill, R; J Org Chem 1983, V48, P3863 CAPLUS
 - (6) Haas, G; Heterocycl Chem 1981, V18, P607 CAPLUS
- ALL CITATIONS AVAILABLE IN THE RE FORMAT

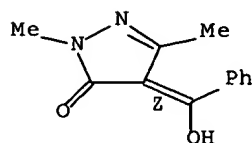
L4 ANSWER 5 OF 190 CAPLUS COPYRIGHT 2001 ACS
 AN 2000:750671 CAPLUS
 DN 134:237574
 TI Synthesis, characterization and in vitro antitumor activity of organotin(IV) compounds of 4-acyl-5-pyrazolone
 AU Li, Qingshan; Li, Tingfang; Yang, Huiyuan; Wang, Manyuan; Huang, Jijun; Pettinari, C.; Fabio, M.
 CS College of Pharmaceutical Science, Shanxi Medical University, Taiyuan, 030001, Peop. Rep. China
 SO Yaoxue Xuebao (2000), 35(9), 659-662
 CODEN: YHHPAL; ISSN: 0513-4870
 PB Yaoxue Xuebao Bianjibu
 DT Journal
 LA Chinese
 GI



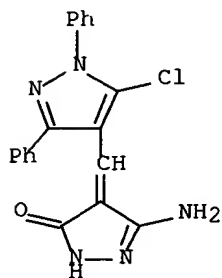
I

AB Nine organotin(IV) compds. of 4-acyl-5-pyrazolones I (R = Me, Ph) were synthesized. Their structures were characterized by elemental analyses, IR spectra, and ¹H, ¹³C and ¹¹⁹Sn NMR. The in vitro antitumor activities of the synthetic compds. were studied. The prepd. compds. showed different inhibitory effects on HL-60, HCT-8, Bel-7402, BGC-823, and KB cells in vitro.
 IT **40030-37-3P**
 RL: BAC (Biological activity or effector, except adverse); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation) (prepn. and reaction with dihalodiorganostannanes)
 RN 40030-37-3 CAPLUS
 CN 3H-Pyrazol-3-one, 2,4-dihydro-4-(hydroxyphenylmethylene)-2,5-dimethyl-, (4Z)- (9CI) (CA INDEX NAME)

Double bond geometry as shown.



L4 ANSWER 9 OF 190 CAPLUS COPYRIGHT 2001 ACS
 AN 1999:758389 CAPLUS
 DN 132:78502
 TI New routes for novel pyrazolo[3,4-b][1,6]naphthyridine,
 pyrazolo[3,4-b]pyridine and pyrazolo[3,4:2,3]pyrido[6,1-a]benzimidazole
 AU Abd El Latif, Fawi M.; Barsy, Magda A.; Elrady, Eman A.; Hassan, M.
 CS Department of Chemistry, Aswan Faculty of Science, Aswan, Egypt
 SO J. Chem. Res., Synop. (1999), (12), 696-697, 2953-2974
 CODEN: JRPSDC; ISSN: 0308-2342
 PB Royal Society of Chemistry
 DT Journal
 LA English
 AB Pyrazolo[3,4-b][1,6]naphthyridine, pyrazolo[3,4-b]pyridine, and
 pyrazolo[3,4:2,3]pyrido[6,1-a]benzimidazole derivs. are synthesized
 starting from the isomeric 3-substituted 5-chloro-1-phenylpyrazole-4-
 carbaldehyde.
 IT **254096-05-4P**
 RL: SPN (Synthetic preparation); PREP (Preparation)
 (prepn. of pyrazolonaphthyridines, pyrazolopyridines, and
 pyrazolopyridobenzimidazoles)
 RN 254096-05-4 CAPLUS
 CN 3H-Pyrazol-3-one, 5-amino-4-[(5-chloro-1,3-diphenyl-1H-pyrazol-4-
 yl)methylene]-2,4-dihydro- (9CI) (CA INDEX NAME)



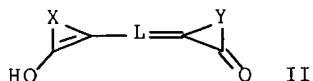
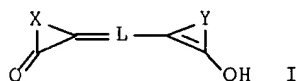
RE.CNT 4

RE

- (1) Elnagdi, M; Sulfur Lett 1989, V9, P109 CAPLUS
- (2) Shiba, S; Indian J Chem Sect B: Org Chem Incl Med Chem 1996, V35, P426
- (3) Shinichi, T; JP 06184114 1995 CAPLUS
- (4) Wiley, R; The Chemistry of Heterocyclic Compounds 1967, V22(part 2), P183

L4 ANSWER 10 OF 190 CAPLUS COPYRIGHT 2001 ACS
 AN 1999:753547 CAPLUS
 DN 131:341753
 TI Agent and method for semipermanent coloring of keratin fibers
 IN Goettel, Otto; Pirrello, Aline
 PA Wella A.-G., Germany
 SO Ger. Offen., 26 pp.
 CODEN: GWXXBX
 DT Patent
 LA German
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	DE 19822198	A1	19991118	DE 1998-19822198	19980516
	WO 9959529	A2	19991125	WO 1999-EP1266	19990226
	WO 9959529	A3	20000120		
	W: BR, JP, US				
	RW: AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
	EP 1033965	A2	20000913	EP 1999-911716	19990226
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI				
	BR 9906459	A	20000926	BR 1999-6459	19990226
PRAI	DE 1998-19822198	A	19980516		
	WO 1999-EP1266	W	19990226		
OS	MARPAT 131:341753				
GI					



AB Nonoxidative coloring agents for semipermanent coloring of keratin fibers

such as hair and wool are provided which comprise a combination of .gtoreq.1 natural or synthetic nonoxidative dye and .gtoreq.1 polymethine

dye comprising a tautomeric mixt. of I and II [X or Y completes a 5- or 6-membered heterocyclic ring; L = bridging group (CH:CH)_mCR:(CHCH:)_n; R

=

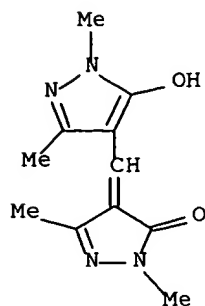
H, Ph, Me, halo, carboxamide group; m, n = 0-2; m + n .ltoreq.2]. Thus, 1-(2-hydroxyethyl)-3-methyl-1H-pyrazole reacted with orthoformic acid in refluxing pyridine to form 2-(2-hydroxyethyl)-4-[5-hydroxy-1-(2-hydroxyethyl)-3-methyl-1H-pyrazol-4-ylmethylene]-5-methyl-2,4-dihydropyrazol-3-one (III). Application of a dye soln. contg. III 0.7, di-K 4-[5-[3-carboxy-5-oxo-1-(4-sulfohenyl)-1,5-dihydropyrazol-4-ylidene]penta-1,3-dienyl]-5-hydroxy-1-(4-sulfohenyl)-1H-pyrazole-3-carboxylic acid 0.6, EtOH 5.0, glycolic acid 1.5, 50% aq. Na cocoamphoacetate 2.0, PhCH₂OH 5.0, 2-amino-6-chloro-4-nitrophenol-HCl

0.5,

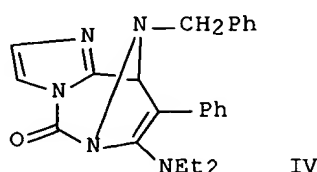
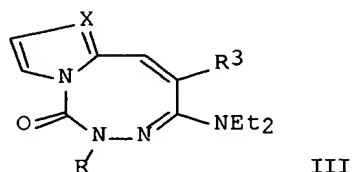
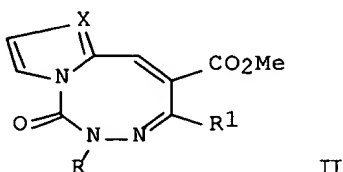
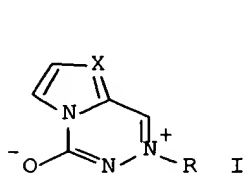
and H₂O to 100.0 g to bleached hair at 40.degree. for 20 min produced a medium brown color which was fast to washing.

IT 151589-04-7P

RL: BUU (Biological use, unclassified); SPN (Synthetic preparation);
BIOL (Biological study); PREP (Preparation); USES (Uses)
(agent and method for semipermanent coloring of keratin fibers)
RN 151589-04-7 CAPLUS
CN 3H-Pyrazol-3-one, 2,4-dihydro-4-[(5-hydroxy-1,3-dimethyl-1H-pyrazol-4-yl)methylene]-2,5-dimethyl- (9CI) (CA INDEX NAME)



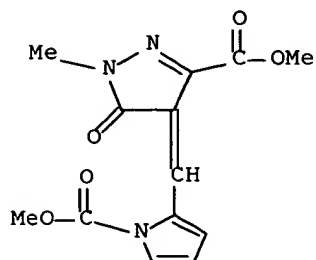
L4 ANSWER 11 OF 190 CAPLUS COPYRIGHT 2001 ACS
 AN 1999:735982 CAPLUS
 DN 132:122588
 TI Synthesis of mesomeric betaines containing a pyrrolo- or imidazotriaziniumolate system and their cycloaddition with acetylenic dipolarophiles leading to triazocinone derivatives
 AU Sakai, Norio; Funabashi, Makoto; Hamada, Takayuki; Minakata, Satoshi; Ryu, Ilhyong; Komatsu, Mitsuo
 CS Department of Applied Chemistry, Graduate School of Engineering, Osaka University, Suita, 565-0871, Japan
 SO Tetrahedron (1999), 55(48), 13703-13724
 CODEN: TETRAB; ISSN: 0040-4020
 PB Elsevier Science Ltd.
 DT Journal
 LA English
 OS CASREACT 132:122588
 GI



AB The C-2 substituted mesomeric betaines I (X = N, CH; R = Me3C, Me, PhCH2, Ph) which contain a cyclic azomethine imine unit were prepd. and their cycloaddns. with acetylenic dipolarophiles were studied. Unexpectedly, the cycloaddn. of I with electron-deficient polarophiles R1C.tplbond.CO2Me (R1 = CO2Me, Ph) gave ring-expanded adducts having a triazocinone structure, e.g. II. With electron-rich dipolarophiles such as ynamines R3C.tplbond.CNEt2 (R3 = Me, Ph) the reactions proceeded more readily leading regioselectively to the same type of triazocinones, e.g. III, in almost quant. yields. Cycloaddn. of I (X = N; R = PhCH2) and PhC.tplbond.CNEt2 took place at room temp. to afford the initial tricyclic cycloadduct IV exclusively in 89% yield. The isolated tricyclic intermediates such as IV rearranged to give the final triazocinone products in quant. yield upon heating at 60.degree..
 IT 256408-58-9P
 RL: PRP (Properties); SPN (Synthetic preparation); PREP (Preparation) (prepn. and crystal structure of pyrrolylmethylenepyrzolinecarboxylate)
)

RN 256408-58-9 CAPLUS

CN 1H-Pyrazole-3-carboxylic acid, 4,5-dihydro-4-[[1-(methoxycarbonyl)-1H-pyrrol-2-yl]methylene]-1-methyl-5-oxo-, methyl ester (9CI) (CA INDEX NAME)



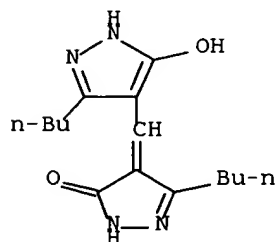
RE.CNT 51

RE

- (2) Barraclough, P; J Chem Res (S) 1989, P206 CAPLUS
 - (3) Blake, A; J Chem Soc, Chem Commun 1993, P840 CAPLUS
 - (4) Bohm, T; Tetrahedron 1999, V55, P9535 CAPLUS
 - (6) Burnett, F; Heterocycles 1997, V45, P857 CAPLUS
 - (7) Burnett, F; Nucleosides Nucleotides 1995, V14, P325 CAPLUS
- ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 12 OF 190 CAPLUS COPYRIGHT 2001 ACS
 AN 1999:658492 CAPLUS
 DN 131:293237
 TI Silver halide color photographic material for motion picture
 IN Sakai, Shuichi
 PA Fuji Photo Film Co., Ltd., Japan
 SO Jpn. Kokai Tokkyo Koho, 67 pp.
 CODEN: JKXXAF
 DT Patent
 LA Japanese
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 11282106	A2	19991015	JP 1998-96947	19980326
AB	<p>The title photog. material, possessing .gtoreq.3 photosensitive hydrophilic colloid layers contg. each of yellow, magenta, and cyan dye-forming couplers and Ag halide emulsion grains different in color sensitivity from each other and .gtoreq.1 non-photosensitive hydrophilic colloid layers on a support, contains a compd. which reacts with an oxidized developing agent to form a dye capable of forming an IR ray-absorbing sound track and .gtoreq.1 of the non-photosensitive layer contains a solid fine particle dispersion of a dye DXy (D = chromophore-contg. compd. residue; X = CO2H-contg. group; y = 1-7) which is prepd. through a heat treatment process at .gtoreq.40.degree.. The material shows improved storage stability and is capable of processing</p> <p>by a simplified and shortened process.</p>				
IT	<p>148520-58-5 RL: DEV (Device component use); MOA (Modifier or additive use); USES (Uses) (photog. film having antihalation layer contg. dye solid dispersion)</p>				
RN	148520-58-5 CAPLUS				
CN	<p>3H-Pyrazol-3-one, 5-butyl-4-[(3-butyl-5-hydroxy-1H-pyrazol-4-yl)methylene]- 2,4-dihydro- (9CI) (CA INDEX NAME)</p>				



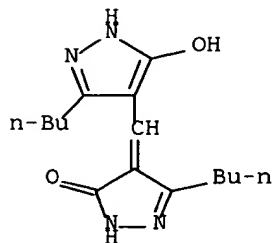
L4 ANSWER 13 OF 190 CAPLUS COPYRIGHT 2001 ACS
 AN 1999:658491 CAPLUS
 DN 131:293236
 TI Silver halide photographic material providing black-and-white image
 IN Shibata, Naoya
 PA Fuji Photo Film Co., Ltd., Japan
 SO Jpn. Kokai Tokkyo Koho, 50 pp.
 CODEN: JKXXAF
 DT Patent
 LA Japanese
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 11282105	A2	19991015	JP 1998-103427	19980331

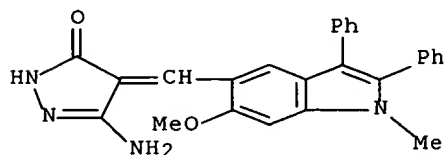
AB The title photog. material, possessing .gtoreq.3 photosensitive hydrophilic colloid layers contg. Ag halide emulsion grains different in color sensitivity from each other and a mixt. of yellow, magenta, and cyan dye-forming couplers and non-photosensitive hydrophilic colloid layers on a transparent support, contains a solid fine particle dispersion of a dye DXy (D = chromophore-contg. residue; X = dissocg. H- or dissocg. OH-contg. group; y = 1-7) which is prepd. through a heat treatment process at .gtoreq.40.degree. in .gtoreq.1 of the non-photosensitive layers and the pH value of the coating film of the material is 4.5-6.5. The material provides a high quality black-and-white image with high sharpness and improved neutral gray tone in the high d. portion and shows high latent image stability.

IT **148520-58-5**
 RL: DEV (Device component use); MOA (Modifier or additive use); USES (Uses)
 (pH-controlled photog. film with antihalation layer contg. dye solid dispersion)

RN 148520-58-5 CAPLUS
 CN 3H-Pyrazol-3-one, 5-butyl-4-[(3-butyl-5-hydroxy-1H-pyrazol-4-yl)methylene]-
 2,4-dihydro- (9CI) (CA INDEX NAME)



L4 ANSWER 14 OF 190 CAPLUS COPYRIGHT 2001 ACS
 AN 1999:645611 CAPLUS
 DN 132:49850
 TI Synthesis of pharmacologically active indoles
 AU Hishmat, O. H.; Ebeid, M. Y.; Nakkady, S. S.; Fathy, M. M.; Mahmoud, S.
 S.
 CS Natural Products Department, National Research Centre, Cairo, Egypt
 SO Boll. Chim. Farm. (1999), 138(6), 259-266
 CODEN: BCFAAI; ISSN: 0006-6648
 PB Societa Editoriale Farmaceutica
 DT Journal
 LA English
 AB Formylation of 6-methoxy-1-methyl- (I) and 5-methyl-2,3-diphenyl-1H-indole (II) gave the 5- (III) and 6-carboxaldehyde derivs. (IV), resp., which were treated with Et cyanoacetate to form the corresponding 2-cyano-3-substituted acrylic acid Et esters. The latter compds. reacted with hydrazine hydrate, urea and thiourea to form the corresponding 5-amino-4-substituted 2,4-dihydropyrazol-3-one, 6-indolyl-2,4-dioxo-1,2,3,4-tetrahydropyrimidine-5-carbonitriles, and 6-indolyl-4-oxo-2-thioxo-1,2,3,4-tetrahydropyrimidine-5-carbonitriles. Reaction of the 5- and 6-carboxaldehyde derivs. with malononitrile afforded the 2-substituted malononitrile derivs. These reacted readily with arom. ketones to give the 2-amino-4,6-disubstituted nicotinonitriles. Several products, e.g., I-IV, were tested for antiinflammatory, ulcerogenic, and antispasmodic activities.
 IT **252915-49-4P**
 RL: BAC (Biological activity or effector, except adverse); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation) (pharmacol. active indoles)
 RN 252915-49-4 CAPLUS
 CN 3H-Pyrazol-3-one, 5-amino-2,4-dihydro-4-[(6-methoxy-1-methyl-2,3-diphenyl-1H-indol-5-yl)methylene]- (9CI) (CA INDEX NAME)



RE.CNT 26

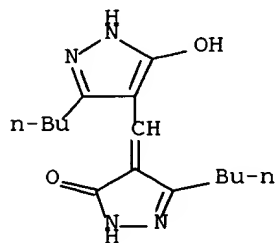
RE

- (1) Bell, M; US 4021 1977 CAPLUS
 - (2) Clifford, B; J Chem Soc 1961, P3516 CAPLUS
 - (3) Driscoli, P; US 3495969 1970 CAPLUS
 - (5) Hishmat, O; Austr J Chem 1974, V27, P2499 CAPLUS
 - (7) Hishmat, O; J Pharmac Sci 1990, V31, P219 CAPLUS
- ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 15 OF 190 CAPLUS COPYRIGHT 2001 ACS
 AN 1999:631040 CAPLUS
 DN 131:273254
 TI Ink and reducing agent-containing eraser for writing on white board
 IN Nakamura, Takashi; Yabuki, Yoshiji
 PA Fuji Photo Film Co., Ltd., Japan
 SO Jpn. Kokai Tokkyo Koho, 27 pp.
 CODEN: JKXXAF
 DT Patent
 LA Japanese
 FAN.CNT 1

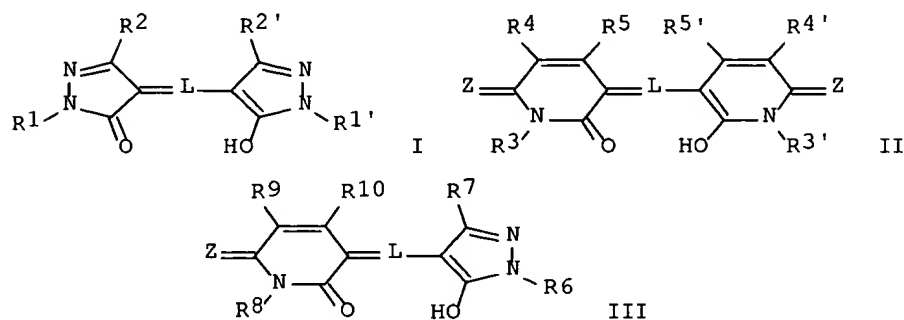
	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 11268484	A2	19991005	JP 1998-89490	19980318

AB An ink obtained by dispersing in water dye D(X)y (D = group derived from chromophore-contg. compd.; X = leaving proton-contg. group; y = 0-7) and an eraser contg. a reducing agent and water are used in writing on a white board with an ink-accepting layer. The dye typically is a methine dye or a azo methine dye.
 IT **148520-58-5**
 RL: TEM (Technical or engineered material use); USES (Uses)
 (ink and reducing agent-contg. eraser for writing on white board)
 RN 148520-58-5 CAPLUS
 CN 3H-Pyrazol-3-one, 5-butyl-4-[(3-butyl-5-hydroxy-1H-pyrazol-4-yl)methylene]-
 2,4-dihydro- (9CI) (CA INDEX NAME)



L4 ANSWER 16 OF 190 CAPLUS COPYRIGHT 2001 ACS
 AN 1999:576744 CAPLUS
 DN 131:218987
 TI Colorant and method for producing temporary hair colors
 IN Goettel, Otto; Pirrello, Aline
 PA Wella A.-G., Germany
 SO PCT Int. Appl., 66 pp.
 CODEN: PIXXD2
 DT Patent
 LA German
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9944569	A1	19990910	WO 1999-EP1235	19990226
	W: BR, JP, US				
	RW: AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
	DE 19809646	A1	19990916	DE 1998-19809646	19980306
	EP 980236	A1	20000223	EP 1999-937866	19990226
	R: CH, DE, ES, FR, GB, GR, IT, LI				
	BR 9904902	A	20000704	BR 1999-4902	19990226
	US 6312478	B1	20011106	US 1999-403818	19991026
PRAI	DE 1998-19809646	A	19980306		
	WO 1999-EP1235	W	19990226		
OS	MARPAT 131:218987				
GI					



AB Nonoxidative hair colorants are based on anionic polymethine dyes (oxonol dyes) I-III [R¹, R^{1'}, R⁶ = H, (substituted) C1-8 alkyl, (substituted) Ph, (substituted) benzyl; R², R^{2'}, R⁷ = H, C1-6 alkyl, Ph, (substituted) amino, Ac, OMe, CO₂H, CONH₂, etc.; R³, R^{3'}, R⁸ = H, (substituted) C1-4 alkyl, (substituted) amino, (substituted) Ph, (substituted) benzyl, heterocyclyl; R⁴, R^{4'}, R⁹ = H, CN, carboxylate, CONH₂, SO₃H, CH₂SO₃H, SO₂Me, pyridinium, imidazolium; R⁵, R^{5'}, R¹⁰ = H, C1-4 alkyl, C5-6 cycloalkyl, Ph, C₆H₄OMe, PhCH₂, PhCH₂CH₂, CO₂H; Z = O, C(CN)₂, C(CN)CO₂Q, C(CO₂Q)₂; Q = C1-8 alkyl, CH₂CH₂OX; X = C3-7 alkyl; L = conjugated linking

group]. The colorant can be removed and the natural hair color restored at any time by use of reducing or oxidizing agents. Thus, 3-methyl-1-(4-sulfophenyl)-2-pyrazolin-5-one reacted with NH₄OAc and HC(OMe)₃ in AcOH at 90.degree. to form diammonium 4-[5-hydroxy-3-methyl-

1- (4-sulfophenyl)-1H-pyrazol-4-ylmethylene]-5-methyl-2-(4-sulfophenyl)-

2,4-dihydropyrazol-3-one (IV). A hair dye compn. contg. EtOH 5.0, glycolic acid 1.5, 50% aq. Na coco ampoacetate 2.0, PhCH₂OH 5.0, IV 1.7, and demineralized water to 100.0 g conferred a lustrous yellow color on bleached hair after 20 min at 40.degree.. The color was removed by reductive treatment with 10% aq. NH₄HSO₃ soln.

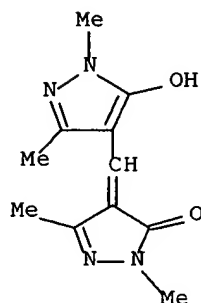
IT 151589-04-7

RL: BUU (Biological use, unclassified); BIOL (Biological study); USES (Uses)

(colorant and method for producing temporary hair colors)

RN 151589-04-7 CAPLUS

CN 3H-Pyrazol-3-one, 2,4-dihydro-4-[(5-hydroxy-1,3-dimethyl-1H-pyrazol-4-yl)methylene]-2,5-dimethyl- (9CI) (CA INDEX NAME)



RE.CNT 2

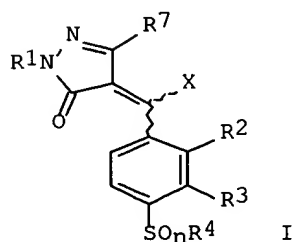
RE

(1) Chan, A; US 5474578 A 1995 CAPLUS

(2) Ilford Ltd; DE 2012050 B2 1979 CAPLUS

L4 ANSWER 17 OF 190 CAPLUS COPYRIGHT 2001 ACS
 AN 1999:354487 CAPLUS
 DN 131:5255
 TI Preparation of benzylidenepyrazolones as herbicides.
 IN Rheinheimer, Joachim; Witschel, Matthias; Engel, Stefan; Baumann, Ernst;
 Von Deyn, Wolfgang; Hill, Regina Luise; Mayer, Guido; Misslitz, Ulf;
 Wagner, Oliver; Otten, Martina; Westphalen, Karl-Otto; Walter, Helmut
 PA BASF Aktiengesellschaft, Germany
 SO PCT Int. Appl., 58 pp.
 CODEN: PIXXD2
 DT Patent
 LA German
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9926930	A2	19990603	WO 1998-EP7099	19981106
	WO 9926930	A3	19990819		
	W: AL, AU, BG, BR, BY, CA, CN, CZ, GE, HU, ID, IL, JP, KR, KZ, LT, LV, MK, MX, NO, NZ, PL, RO, RU, SG, SI, SK, TR, UA, US, VN, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM RW: AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
	AU 9916670	A1	19990615	AU 1999-16670	19981106
	BR 9814232	A	20001003	BR 1998-14232	19981106
	EP 1044191	A2	20001018	EP 1998-961147	19981106
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, FI, RO				
	US 6271179	B1	20010807	US 2000-554184	20000511
PRAI	DE 1997-19751722	A	19971121		
	WO 1998-EP7099	W	19981106		
OS	MARPAT 131:5255				
GI					



AB Title compds. [I; R1, R6 = (substituted) alkyl; R2 = (substituted) alkyl,
 alkoxy, halo, nitro, cyano; R3 = H, halo, nitro, cyano, NR5R6, OCOR5,
 NR5COR6, CO2R5, COSR5, CONR5R6, alkoxyiminoalkyl, alkoxyacarbonyl,
 (substituted) alkyl, alkoxy, alkylthio, alkenyl, Ph, PhO, 5- 6 membered
 (unsatd.) heterocyclyl; R4 = alkyl, haloalkyl; R3R4 = (substituted)
 (unsatd.) 2-3 membered bridge which can contain 1 S, SO, or SO2; R5 = H,
 (substituted) alkyl; R7 = H, alkyl, haloalkyl; n = 0, 1, 2; X = H, Cl,
 Br], were prepd. Thus, [2-chloro-3-(4,5-dihydroisoxazol-3-yl)-4-

methysulfonylphenyl] (5-hydroxy-1-methyl-1H-pyrazol-4-yl) ketone was refluxed 7 h with POCl₃ and cat. DMF to give cis-4-[chloro[2-chloro-3-(4,5-

dihydroisoxazol-3-yl)-4-methysulfonylphenyl]methylene]-2-methyl-2,4-dihydropyrazol-3-one. The 2-Et deriv. of the above compd. postemergent gave >98% control of a variety of weeds while leaving corn unaffected.

IT 225648-12-4P 225648-42-0P

RL: AGR (Agricultural use); BAC (Biological activity or effector, except adverse); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation); USES (Uses)
(prepn. of benzyldenepyrazolones as herbicides)

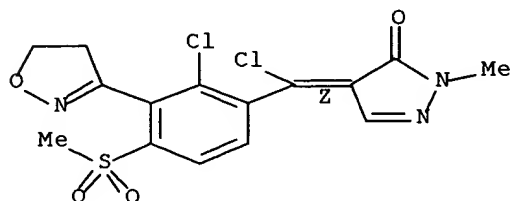
RN 225648-12-4 CAPLUS

CN 3H-Pyrazol-3-one, 4-[chloro[2-chloro-3-(4,5-dihydro-3-isoxazolyl)-4-(methysulfonyl)phenyl]methylene]-2,4-dihydro-2-methyl-, (4Z)- (9CI)

(CA

INDEX NAME)

Double bond geometry as shown.



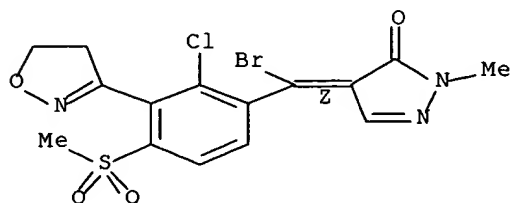
RN 225648-42-0 CAPLUS

CN 3H-Pyrazol-3-one, 4-[bromo[2-chloro-3-(4,5-dihydro-3-isoxazolyl)-4-(methysulfonyl)phenyl]methylene]-2,4-dihydro-2-methyl-, (4Z)- (9CI)

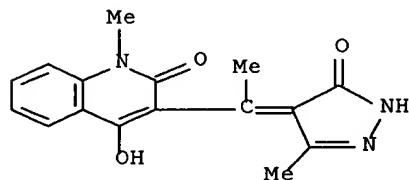
(CA

INDEX NAME)

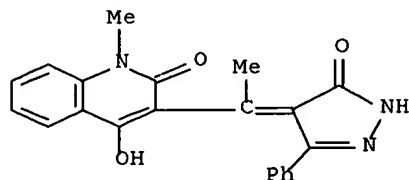
Double bond geometry as shown.



L4 ANSWER 18 OF 190 CAPLUS COPYRIGHT 2001 ACS
 AN 1999:315201 CAPLUS
 DN 131:87897
 TI New quinolones and naphthyridinones bearing heterocyclic rings
 AU Ibrahim, S. S.; El-Gendy, Z. M.; Allimony, H. A.; Othman, E. S.
 CS Department of Chemistry, Faculty of Education, Ain Shams University,
 Cairo, Egypt
 SO Chem. Pap. (1999), 53(1), 53-64
 CODEN: CHPAEG; ISSN: 0366-6352
 PB Slovak Academic Press Ltd.
 DT Journal
 LA English
 AB The behavior of some .alpha.,.beta.-unsatd. ketones or .beta.-diketones,
 derived from quinolones, naphthyridinones or a combination of both of
 them, towards amines, diamines, and other ammonia derivs. at different
 ratios and conditions had been studied; the result were many interesting
 polyheterocyclic compds. contg. either quinolone, naphthyridinone or
 both
 as the main moiety besides the recently formed hetero rings as:
 diazepine,
 oxazepine, thiazepine, triazepine, thiazole, thiazoline, pyrazoline,
 isooxazoline, pyrimidine, indole, triazinoindole, and quinoxaline.
 IT **229316-26-1P 229316-27-2P**
 RL: SPN (Synthetic preparation); PREP (Preparation)
 (prepn. of)
 RN 229316-26-1 CAPLUS
 CN 2(1H)-Quinolinone, 3-[1-(1,5-dihydro-3-methyl-5-oxo-4H-pyrazol-4-
 ylidene)ethyl]-4-hydroxy-1-methyl- (9CI) (CA INDEX NAME)



RN 229316-27-2 CAPLUS
 CN 2(1H)-Quinolinone, 3-[1-(1,5-dihydro-5-oxo-3-phenyl-4H-pyrazol-4-
 ylidene)ethyl]-4-hydroxy-1-methyl- (9CI) (CA INDEX NAME)



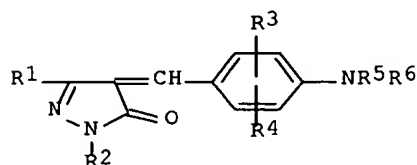
RE.CNT 13
 RE

- (1) Anon; 1986 CAPLUS
- (2) Anon; 1990 CAPLUS
- (3) Grohe, K; DE 3409922 1985 CAPLUS
- (4) Hayashi, H; J Med Chem 1992, V35, P4893 CAPLUS
- (5) Ibrahim, S; Chem Papers 1997, V51, P33 CAPLUS

ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 20 OF 190 CAPLUS COPYRIGHT 2001 ACS
 AN 1998:795331 CAPLUS
 DN 130:88201
 TI Thermal-transfer printing sheet containing methine dyes
 IN Ozawa, Tetsuo; Mizukami, Junji
 PA Mitsubishi Chemical Industries Ltd., Japan
 SO Jpn. Kokai Tokkyo Koho, 10 pp.
 CODEN: JKXXAF
 DT Patent
 LA Japanese
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
	-----	---	---	-----	-----
PI	JP 10329428	A2	19981215	JP 1997-146345	19970604
OS	MARPAT 130:88201				
GI					



I

AB The sheet comprises a dye layer contg. methine dyes I [R1 = alkyl; R2 =
 (substituted) alkyl, (substituted) cycloalkyl, (substituted) aryl; R3,
 R4
 = H, (substituted) alkyl, alkoxy, halogen; R5, R6 = (substituted) alkyl,
 (substituted) alkenyl, (substituted) aryl]. The sheet provides images
 with high d. and improved light stability.

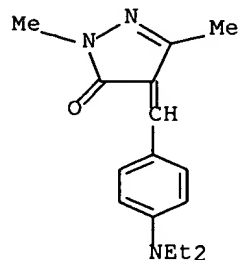
IT **218937-05-4P 218937-06-5P 218937-09-8P**
218937-11-2P

RL: IMF (Industrial manufacture); TEM (Technical or engineered material
 use); PREP (Preparation); USES (Uses)

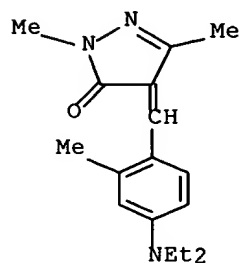
(thermal-transfer printing sheet contg. methine dye with improved
 light
 resistance)

RN 218937-05-4 CAPLUS

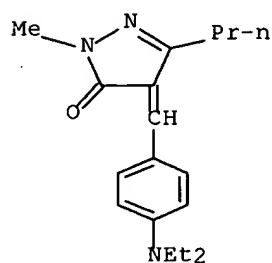
CN 3H-Pyrazol-3-one, 4-[[4-(diethylamino)phenyl]methylene]-2,4-dihydro-2,5-
 dimethyl- (9CI) (CA INDEX NAME)



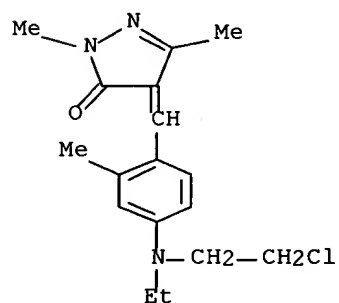
RN 218937-06-5 CAPLUS
 CN 3H-Pyrazol-3-one, 4-[[4-(diethylamino)-2-methylphenyl]methylene]-2,4-dihydro-2,5-dimethyl- (9CI) (CA INDEX NAME)



RN 218937-09-8 CAPLUS
 CN 3H-Pyrazol-3-one, 4-[[4-(diethylamino)phenyl]methylene]-2,4-dihydro-2-methyl-5-propyl- (9CI) (CA INDEX NAME)

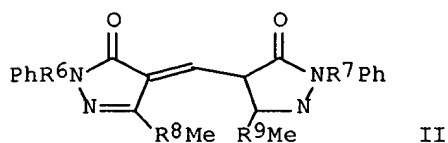
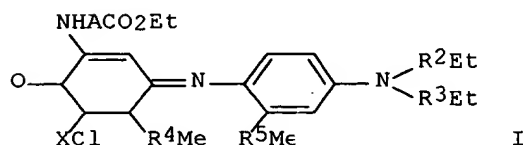


RN 218937-11-2 CAPLUS
 CN 3H-Pyrazol-3-one, 4-[[4-[(2-chloroethyl)ethylamino]-2-methylphenyl]methylene]-2,4-dihydro-2,5-dimethyl- (9CI) (CA INDEX NAME)

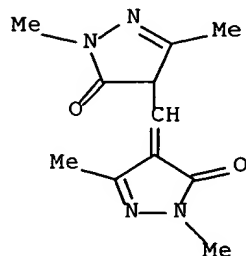


L4 ANSWER 21 OF 190 CAPLUS COPYRIGHT 2001 ACS
 AN 1998:744851 CAPLUS
 DN 130:67903
 TI Thermal transfer sheets used by sublimation method with formation of an image protection layer and thermal transfer recording using the same, giving high-density images with excellent light resistance
 IN Morishima, Takashi
 PA Mitsubishi Chemical Industries Ltd., Japan
 SO Jpn. Kokai Tokkyo Koho, 12 pp.
 CODEN: JKXXAF
 DT Patent
 LA Japanese
 FAN.CNT 1

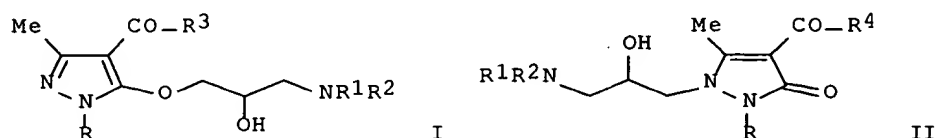
	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
	-----	---	-----	-----	-----
PI	JP 10305665	A2	19981117	JP 1997-113739	19970501
OS	MARPAT 130:67903				
GI					



AB The title sheets contain a no. of color layers including at least one layer contg. indophenol cyanine dyes and at least one layer contg. bispyrazolonemethine yellow dyes. Such dyes include, e.g., I and II.
 IT **27006-78-6**
 RL: TEM (Technical or engineered material use); USES (Uses)
 (thermal transfer sheets used by sublimation method with formation of an image protection layer and thermal transfer recording using the same, giving high-d. images with excellent light resistance)
 RN 27006-78-6 CAPLUS
 CN 3H-Pyrazol-3-one, 4-[(1,5-dihydro-1,3-dimethyl-5-oxo-4H-pyrazol-4-ylidene)methyl]-2,4-dihydro-2,5-dimethyl- (9CI) (CA INDEX NAME)



L4 ANSWER 22 OF 190 CAPLUS COPYRIGHT 2001 ACS
 AN 1998:595146 CAPLUS
 DN 129:302590
 TI Substituted 4-Acylpyrazoles and 4-Acylpyrazolones: Synthesis and
 Multidrug
 Resistance-Modulating Activity
 AU Chiba, Peter; Holzer, Wolfgang; Landau, Marion; Bechmann, Gerhard;
 Lorenz,
 Karin; Plagens, Brigitte; Hitzler, Manuela; Richter, Elisabeth; Ecker,
 Gerhard
 CS Institute of Pharmaceutical Chemistry, University of Vienna, Vienna,
 A-1090, Austria
 SO J. Med. Chem. (1998), 41(21), 4001-4011
 CODEN: JMCMAR; ISSN: 0022-2623
 PB American Chemical Society
 DT Journal
 LA English
 OS CASREACT 129:302590
 GI

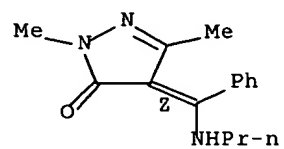


AB A series of 4-acyl-3-pyrazolone derivs. I [R = Me, Ph; R1 = H, Me2CH; R2 =
 = Me(CH2)2, Me2CH, Me3C, Me(CH2)3 or R1R2 = (CH2)2N(2-MeC6H4)(CH2)2; R3 =
 Ph, 2-thienyl, PhCH2CH2] as well as isomeric 4-acyl-5-(3-substituted
 3-amino-2-hydroxypropoxy)pyrazole derivs. II (R4 = Me, Ph) were
 synthesized, and their multidrug resistance (MDR)-modulating activity
 was
 measured using the daunomycin efflux assay. Reaction of N1-substituted
 4-acyl-3-pyrazolones (tautomer to 4-acyl-5-hydroxypyrazoles) with
 excessive epichlorohydrin and successive treatment with an appropriate
 amine resulted in N-alkylation and thus afforded the target pyrazolone
 derivs. I. In contrast, O-alkylation occurred upon reaction with 1
 equiv
 of epichlorohydrin and subsequent treatment with amine leading to the
 corresponding 4-acyl-5-pyrazolyl ethers II. QSAR studies showed a good
 correlation of MDR-modulating activity with lipophilicity of the compds.
 Inclusion of hydrogen bond acceptor strength and steric parameters as
 descriptors led to a QSAR equation with remarkably increased predictive
 power (r2cv = 0.92). Addnl., ortho substitution of the propanolamine
 side
 chain and the acyl moiety is favorable. Detailed NMR spectroscopic
 investigations were carried out with the title compds.
 IT **214603-92-6P**
 RL: SPN (Synthetic preparation); PREP (Preparation)
 (prepn. and structure-activity relationships of
 acylpyrazolonepropylamine and acylpyrazoloxypylamine deriv. as
 modulators of multidrug resistance)

RN 214603-92-6 CAPLUS

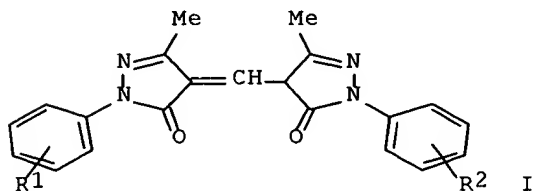
CN 3H-Pyrazol-3-one, 2,4-dihydro-2,5-dimethyl-4-
[phenyl(propylamino)methylene
]-, (4Z)- (9CI) (CA INDEX NAME)

Double bond geometry as shown.



L4 ANSWER 23 OF 190 CAPLUS COPYRIGHT 2001 ACS
 AN 1998:580126 CAPLUS
 DN 129:223282
 TI Thermal-transfer printing sheet and yellow ink for the sheet
 IN Oonishi, Masao
 PA Nippon Kayaku Co., Ltd., Japan
 SO Jpn. Kokai Tokkyo Koho, 4 pp.
 CODEN: JKXXAF
 DT Patent
 LA Japanese
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 10230685	A2	19980902	JP 1997-51165	19970220
OS	MARPAT 129:223282				
GI					



AB The thermal-transfer printing sheet has a colorant layer contg. the claimed yellow colorant I (R1, R2 = H, halogen, alkyl, alkoxy, alkoxyalkyl). The sheet printed image with improved gradation, high color

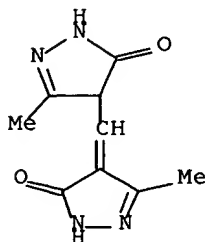
d., and high light resistance.

IT **68427-36-1**

RL: TEM (Technical or engineered material use); USES (Uses)
 (colorant; thermal-transfer printing sheet using yellow colorant with improved light resistance)

RN 68427-36-1 CAPLUS

CN 3H-Pyrazol-3-one, 4-[(4,5-dihydro-3-methyl-5-oxo-1H-pyrazol-4-ylidene)methyl]-2,4-dihydro-5-methyl- (9CI) (CA INDEX NAME)



L4 ANSWER 19 OF 190 CAPLUS COPYRIGHT 2001 ACS
 AN 1999:231776 CAPLUS
 DN 130:303984
 TI Silver halide color photographic photosensitive material
 IN Shibata, Naoya; Sakai, Shuichi; Yabuki, Yoshiji
 PA Fuji Photo Film Co., Ltd., Japan
 SO Jpn. Kokai Tokkyo Koho, 56 pp.
 CODEN: JKXXAF
 DT Patent
 LA Japanese

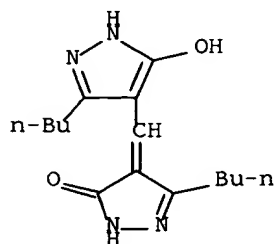
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 11095371	A2	19990409	JP 1997-255511	19970919

AB The title material contains .gtoreq.1 non-decoloring colored substance in .gtoreq.1 of photosensitive layers and a solid fine particle dispersion of a dye, prepd. by heating at .gtoreq.40.degree., of the formula DXy (D = residue of a chromophore-contg. compd.; X = dissocg. H or dissocg. H-contg. group; y = 1-7) in .gtoreq.1 of non-photosensitive layers and the pH value of the coating film is 4.5-6.5. The material has .gtoreq.3 photosensitive hydrophilic colloid layers contg. each of yellow, magenta, and cyan dye-forming coupler and Ag halide emulsion grains different in color sensitivity from each other and .gtoreq.1 non-photosensitive hydrophilic colloid layer on a transparent support. The material shows high sharpness, adaptability for safelight and printer, and latent image stability.

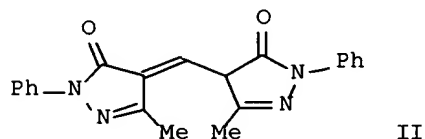
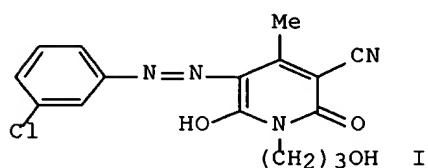
IT **148520-58-5**
 RL: MOA (Modifier or additive use); USES (Uses)
 (silver halide photog. film contg. dye particle dispersion in nonsensitive layer and nondecoloring colored substance in photosensitive layer)

RN 148520-58-5 CAPLUS
 CN 3H-Pyrazol-3-one, 5-butyl-4-[(3-butyl-5-hydroxy-1H-pyrazol-4-yl)methylene]-
 2,4-dihydro- (9CI) (CA INDEX NAME)



L4 ANSWER 24 OF 190 CAPLUS COPYRIGHT 2001 ACS
 AN 1998:438313 CAPLUS
 DN 129:162941
 TI Thermal transfer sheets having yellow color layer with excellent
 sensitivity, light resistance, and storability
 IN Morishima, Takashi
 PA Mitsubishi Chemical Industries Ltd., Japan
 SO Jpn. Kokai Tokkyo Koho, 8 pp.
 CODEN: JKXXAF
 DT Patent
 LA Japanese
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 10181224	A2	19980707	JP 1996-343875	19961224
OS	MARPAT 129:162941				
GI					



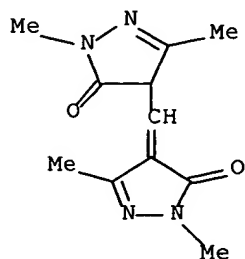
AB The dye layer in the title sheets contain pyridone azo dyes and
 pyrazolone
 dyes. A dye layer was formed from I 50, II 50, PKHH 100, MEK 125,
 toluene 450, and THF 300 parts.

IT 27006-78-6

RL: TEM (Technical or engineered material use); USES (Uses)
 (thermal transfer sheets having yellow color layer with excellent
 sensitivity, light resistance, and storability)

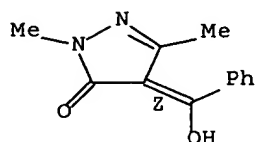
RN 27006-78-6 CAPLUS

CN 3H-Pyrazol-3-one, 4-[(1,5-dihydro-1,3-dimethyl-5-oxo-4H-pyrazol-4-
 ylidene)methyl]-2,4-dihydro-2,5-dimethyl- (9CI) (CA INDEX NAME)

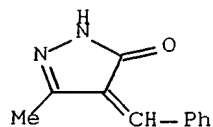


L4 ANSWER 25 OF 190 CAPLUS COPYRIGHT 2001 ACS
 AN 1998:332879 CAPLUS
 DN 129:109152
 TI Tin(IV) and organotin(IV) derivatives of novel .beta.-diketones. III.
 Diorgano- and dihalotin(IV) complexes of 1,3-dimethyl-4-R(C:O)-pyrazol-
 5-
 one (R = CH₃, C₆H₅) and the crystal structure of trans-
 dicyclohexylbis(1,3-
 dimethyl-4-acetylpyrazolon-5-ato)tin(IV)
 AU Pettinari, C.; Marchetti, F.; Cingolani, A.; Leonesi, D.; Mundorff, E.;
 Rossi, M.; Caruso, F.
 CS Dipartimento di Scienze Chimiche, Universita degli Studi, Camerino,
 62032,
 Italy
 SO J. Organomet. Chem. (1998), 557(2), 187-205
 CODEN: JORCAI; ISSN: 0022-328X
 PB Elsevier Science S.A.
 DT Journal
 LA English
 AB Several diorgano- and dihalotin(IV) derivs. of new .beta.-diketonate
 donors, 1,3-dimethyl-4-RC(O)pyrazol-5-ones (R = Me, QDH; R = Ph, QMH)
 were
 synthesized and characterized with anal. and spectroscopic methods.
 They
 are stable monomeric species, very sol. not only in arom. and
 chlorohydrocarbon solvents, but also in alcs. and hydroalcoholic solns.
 In the solid state, the diorganotin(IV) derivs. adopt a skewed
 trapezoidal
 bipyramidal geometry. The x-ray structure of bis(1,3-dimethyl-4-
 acetylpyrazolon-5-ato)dicyclohexyltin(IV) shows marked distortion of the
 organometallic C-Sn-C angle (155.degree.) and two different sets of Sn-O
 distances. The factors affecting the distortion of this type of complex
 are discussed. The dihalotin(IV) derivs. (Q)₂SnX₂ (X = F, Cl, Br and I)
 are likely cis octahedral in the solid state, whereas in soln. they
 exist
 as a mixt. of cis and trans isomers. 119Sn-NMR soln. data are discussed
 and related to electronic and steric properties of the .beta.-diketonate
 donor, and also to the nature of the halo and org. groups bound to Sn.
 IT 40030-37-3P
 RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation)
 (prepn. and complexation with tin)
 RN 40030-37-3 CAPLUS
 CN 3H-Pyrazol-3-one, 2,4-dihydro-4-(hydroxyphenylmethylene)-2,5-dimethyl-,
 (4Z)- (9CI) (CA INDEX NAME)

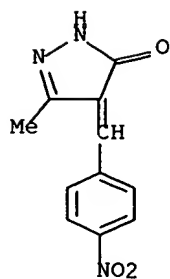
Double bond geometry as shown.



L4 ANSWER 27 OF 190 CAPLUS COPYRIGHT 2001 ACS
 AN 1997:806408 CAPLUS
 DN 128:102073
 TI One-flask syntheses of some new spirothiazolopyranopyrazole,
 spirothiazolodihydropyridinopyrazole and spirothiazolothiopyranopyrazole
 derivatives as antimicrobial agents
 AU Al-Ahmadi, Abdullah A.
 CS Dep. of Chemistry, Faculty of Applied Sciences, Umm Al-Qura University,
 Makkah Alukarramach, Saudi Arabia
 SO Phosphorus, Sulfur Silicon Relat. Elem. (1997), 122, 121-132
 CODEN: PSSLEC; ISSN: 1042-6507
 PB Gordon & Breach Science Publishers
 DT Journal
 LA English
 AB 1-Thia-4-benzyl-4-azaspiro[4.4]nonan-3-one and/or 1-thia-4-benzyl-4-
 azaspiro[4.5]decan-3-one reacted with 4-arylidene-3-methylpyrazolin-5-
 ones
 in a mixt. of ethanol/pyridine at reflux temp. to give
 spirothiazolopyranopyrazoles in one flask. The fusion of the same
 starting materials with 1-thia-4-benzyl-4-azaspiro[4.4]nonan-3-one or
 1-thia-4-benzyl-4-azaspiro[4.5]decan-3-one in the presence of ammonium
 acetate afforded spirothiazolodihydropyridinopyrazole derivs. in good
 yields. Also the reaction of the same starting materials with
 phosphorus
 pentasulfide in pyridine at reflux temp. yielded
 spirothiazolothiopyranopyrazoles. All the synthesized spiro
 heterocyclic
 derivs. were identified by conventional methods (IR, ¹H-NMR) and
 elemental
 analyses. All the prepd. compds. were tested for their antimicrobial
 activities in comparison with tetracycline as a ref. compd.
 IT 68761-49-9 68761-51-3 133665-43-7
 RL: RCT (Reactant)
 (prepn. of spirothiazolopyranopyrazoles and
 spirothiazolopyridopyrazoles and spirothiazolothiopyranopyrazoles)
 RN 68761-49-9 CAPLUS
 CN 3H-Pyrazol-3-one, 2,4-dihydro-5-methyl-4-(phenylmethylene)- (9CI) (CA
 INDEX NAME)

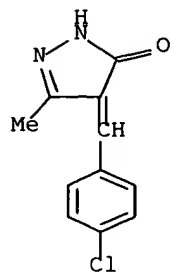


RN 68761-51-3 CAPLUS
 CN 3H-Pyrazol-3-one, 2,4-dihydro-5-methyl-4-[(4-nitrophenyl)methylene]-
 (9CI)
 (CA INDEX NAME)



RN 133665-43-7 CAPLUS

CN 3H-Pyrazol-3-one, 4-[(4-chlorophenyl)methylene]-2,4-dihydro-5-methyl-
(9CI) (CA INDEX NAME)



L4 ANSWER 28 OF 190 CAPLUS COPYRIGHT 2001 ACS
 AN 1997:762028 CAPLUS
 DN 128:95289
 TI Direct positive-type silver halide photographic material.
 IN Inoue, Nobuaki; Oyagi, Isao; Nishiyama, Shingo
 PA Fuji Photo Film Co., Ltd., Japan
 SO Jpn. Kokai Tokkyo Koho, 34 pp.
 CODEN: JKXXAF
 DT Patent
 LA Japanese
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 09304864	A2	19971128	JP 1996-125069	19960520
GI					

* STRUCTURE DIAGRAM TOO LARGE FOR DISPLAY - AVAILABLE VIA OFFLINE PRINT *

AB In the title material possessing .gtoreq.1 prefogged Ag halide emulsion layer contg. .gtoreq.1 desensitizing dye with redn. potential -1.1 (Vvs SCE) or nobler on a support and contg. a non-photosensitive hydrophilic colloid layer contg. a fine crystal-shaped solid disperse dye between

the support and the emulsion layer, the Ca content on the emulsion layer side is .ltoreq.10 mg/m2. The desensitizing dye may be a compd. selected from

I, II, and III (Z = atoms required to form a 5 or 6-membered N-contg. heterocycle; R1, R3, R4 = alkyl, aryl, heterocycle; R2, R5 = H or monovalent substituent; L1, L2 = methine group; n = 0 or 1; m = 1 or 2;

P = 1-4; X- = counter anion). The material shows high sensitivity and low residual color stain and provides high quality images.

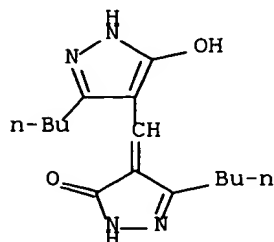
IT **148520-58-5**

RL: DEV (Device component use); MOA (Modifier or additive use); USES (Uses)

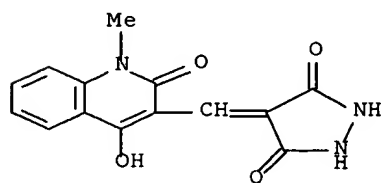
(solid disperse dye; calcium content-controlled photog. film contg. desensitizing dye and solid disperse dye)

RN 148520-58-5 CAPLUS

CN 3H-Pyrazol-3-one, 5-butyl-4-[(3-butyl-5-hydroxy-1H-pyrazol-4-yl)methylene]-
 2,4-dihydro- (9CI) (CA INDEX NAME)



L4 ANSWER 29 OF 190 CAPLUS COPYRIGHT 2001 ACS
 AN 1997:738964 CAPLUS
 DN 128:13217
 TI Quinolones substituted by different moieties. Part 2. Reactions of
 1,2-dihydro-4-hydroxy-1-methyl-2-oxoquinoline-3-carbaldehyde with
 acyclic
 active methylene compounds
 AU Ismail, Mostafa M.; Abdel-Halim, Ali M.; Abass, Mohamed
 CS Chemistry Department, Faculty of Education, Ain Shams University, Cairo,
 Egypt
 SO J. Serb. Chem. Soc. (1997), 62(10), 977-986
 CODEN: JSCSEN; ISSN: 0352-5139
 PB Serbian Chemical Society
 DT Journal
 LA English
 AB Some interesting heterocycles were synthesized either as substituents or
 fused to quinolone moiety, by condensation of 1,2-dihydro-4-hydroxy-1-
 methyl-2-oxoquinoline-3-carbaldehyde with some acyclic active methylene
 compds., viz., malonic ester, acetoacetic ester, malononitrile,
 cyanoacetamide, cyanomethylbenzothiazole, and N-acyl(or
 benzoyl)glycines.
 Most of the newly synthesized products were identified chem. using more
 than one route for their prepn. in order to elucidate their structures
 or
 improve their yield.
 IT **198987-44-9P**
 RL: SPN (Synthetic preparation); PREP (Preparation)
 (reactions of dihydrohydroxymethyl-oxoquinolinecarbaldehyde with
 active
 methylene compds.)
 RN 198987-44-9 CAPLUS
 CN 3,5-Pyrazolidinedione, 4-[(1,2-dihydro-4-hydroxy-1-methyl-2-oxo-3-
 quinolinyl)methylene]- (9CI) (CA INDEX NAME)



L4 ANSWER 30 OF 190 CAPLUS COPYRIGHT 2001 ACS
 AN 1997:293783 CAPLUS
 DN 126:270331
 TI Nonaqueous solid particle dye dispersion
 IN Brick, Mary Christine; Smith, Thomas Michael; Factor, Ronda Ellen;
 Armour,
 Eugene Arthur; Bowman, Wayne Arthur
 PA Eastman Kodak Company, USA
 SO Eur. Pat. Appl., 25 pp.
 CODEN: EPXXDW
 DT Patent
 LA English
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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PI	EP 762193	A1	19970312	EP 1996-420276	19960822
	R: DE, FR, GB				

PRAI US 1995-3096 19950831

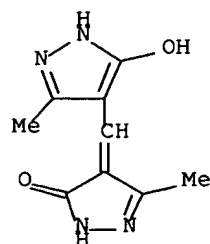
AB A photog. element is formed by (a) coating a first layer on a
 transparent
 support from a coating compn. comprising an org. solvent, an alk. aq.
 soln.-insol., org. solvent-sol. film-forming binder, and a solid
 particle
 nonaq. dispersion of a filter dye which is substantially insol. in the
 org. solvent and readily sol. or decolorizable in an alk. aq. photog.
 processing soln. at a pH of 8 or above and (b) coating a second layer on
 the opposite side of the support relative to the filter dye-contg. layer
 from an aq. coating compn. comprising a silver halide emulsion. The
 solid
 particle dispersion of a photog. filter dye which is readily sol. or
 decolorizable in an alkali aq. photog. processing soln. at a pH of 8 or
 above is prepd. by milling the dye in the presence of a nonaq. liq. in
 which the dye is substantially insol. to obtain a solid particle
 dispersion consisting of fine particles of the dye dispersed in a nonaq.
 medium. The present invention provides a method to incorporate a filter
 dye with desired absorbance characteristics for a photog. element in a
 coating process that cannot tolerate significant quantity of water.

IT 188864-62-2

RL: TEM (Technical or engineered material use); USES (Uses)
 (photog. film nonaq. filter dye dispersions contg.)

RN 188864-62-2 CAPLUS

CN 3H-Pyrazol-3-one, 2,4-dihydro-4-[(5-hydroxy-3-methyl-1H-pyrazol-4-
 yl)methylene]-5-methyl- (9CI) (CA INDEX NAME)



L4 ANSWER 31 OF 190 CAPLUS COPYRIGHT 2001 ACS

AN 1997:237806 CAPLUS

DN 126:231473

TI Manufacture of silver halide photographic material with high film strength

IN Fukuoka, Masahiro; Yoneyama, Hiroyuki

PA Fuji Photo Film Co Ltd, Japan

SO Jpn. Kokai Tokkyo Koho, 41 pp.

CODEN: JKXXAF

DT Patent

LA Japanese

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 09034058	A2	19970207	JP 1995-206704	19950721
AB	The title method involves applying a dispersion contg. a solid dye DXy				
(D					

= coloring group; X = dissociative H-contg. group; y = 1-7) immediately after mixing the dye with other additives. The obtained material showed good absorption characteristics and high film strength.

IT 148520-58-5

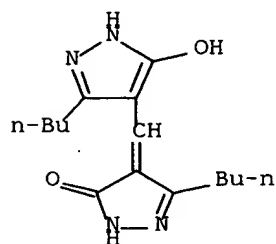
RL: DEV (Device component use); USES (Uses)

(dye; applying of solid dye dispersion in manuf. of silver halide photog. material)

RN 148520-58-5 CAPLUS

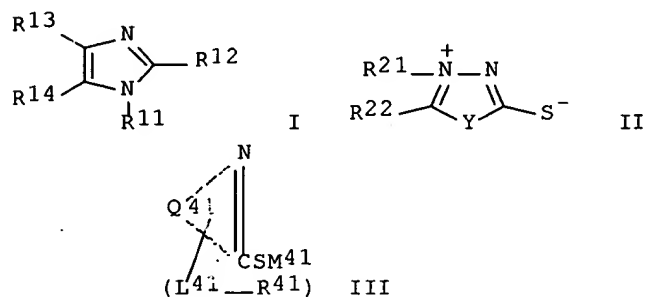
CN 3H-Pyrazol-3-one, 5-butyl-4-[(3-butyl-5-hydroxy-1H-pyrazol-4-yl)methylene]-

2,4-dihydro- (9CI) (CA INDEX NAME)



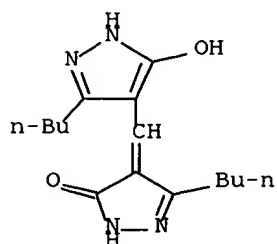
L4 ANSWER 32 OF 190 CAPLUS COPYRIGHT 2001 ACS
 AN 1997:203914 CAPLUS
 DN 126:205393
 TI Silver halide color photographic material and method for formation of images
 IN Arai, Naoki
 PA Fuji Photo Film Co Ltd, Japan
 SO Jpn. Kokai Tokkyo Koho, 60 pp.
 CODEN: JKXXAF
 DT Patent
 LA Japanese
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 09026651	A2	19970128	JP 1995-197115	19950711
GI					



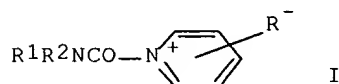
AB In a silver halide color photog. material possessing on a support at least each one red-, green-, and blue-sensitive silver halide emulsion layer and nonphotosensitive layers, at least one of a yellow filter layer and a halation-inhibiting layer among nonphotosensitive layers contains substantially no colloidal silver but a solid dispersion of dyes. When said color photog. material is processed by two development processes requiring different processing time 150-200 s (normal) and 25-90 s (short) using a normal developer contg. substantially no dissolving agent for silver halides and a fast developer contg. a dissolving agent for silver halides, resp., each gradient of yellow, magenta, and cyan color is nearly equal. At least one of above silver halide dissolving agents are selected from L1-(A-L2)n-B-L3 [L1, L3 = alkyl, aryl, aralkyl, alkenyl, heterocyclyl; L2 = alkylene, arylene, aralkylene, heterocyclic linkage group, or a combination thereof; A, B = S, O, (un)substituted NH, CO, CS, SO2; n = 1-10; provided that at least one of L1 and L3 = CO2M, OM, SO3M; M = H, counter cation], imidazole derivs. (I; R11 - R14 = H, alkyl, alkenyl), azoles (II; R21, R22 = alkyl, cycloalkyl, alkenyl, alkynyl, aralkyl, aryl, heterocyclyl; R22 is also can be H; Y = O, S, NR23; R23 =

alkyl, cycloalkynyl, alkenyl, alkynyl, aryl, heterocyclyl, NH₂,
acylamino,
etc.; R21 and R22 or R22 and R23 are linked together to form a ring),
mercapto cyclic imines [III; Q41 = a group of atoms required to form a
5-
or 6-membered heterocyclic ring optionally condensed with arom.
carbocyclic or heterocyclic ring; L41 = single bond, bivalent aliph.,
arom., or heterocyclic group, or a combination thereof; R41 = CO₂H,
SO₃H,
P(O)(OH)₂, or salt thereof, NH₂, ammonium; q = 1-3; M41 = H, cation],
and
X51CSY51 (X51, Y51 = aliph., arom. hydrocarbyl, heterocyclyl, NR51R52,
NR53NR54R55, OR56, SR57; X51 and Y51 may form a ring but are not
enolized;
at least one of X51 and Y51 is substituted by OH or group listed in R41;
R51 - R55 = H, aliph., arom. hydrocarbyl, or heterocyclyl group; R56,
R57
= H, cation, aliph., arom. hydrocarbyl, or heterocyclyl group). This
color photog. material and imaging method are suitable for rapid
processing, improve the increase in fog and a balance of color
gradients,
do not increase fog when it is processed by two development processes
requiring normal and short development time, and provide color prints
with
a balance of gradients and equal increase in min. d. (fog) D_{min} by both
widely-used common processing and rapid processing.
IT 148520-58-5
RL: TEM (Technical or engineered material use); USES (Uses)
(halation-inhibiting dye; silver halide color photog. material with
halation inhibiting layer contg. solid dispersion of dyes and rapid
development with improved fog and color gradient)
RN 148520-58-5 CAPLUS
CN 3H-Pyrazol-3-one, 5-butyl-4-[(3-butyl-5-hydroxy-1H-pyrazol-4-
yl)methylene]-
2,4-dihydro- (9CI) (CA INDEX NAME)



L4 ANSWER 33 OF 190 CAPLUS COPYRIGHT 2001 ACS
 AN 1997:67014 CAPLUS
 DN 126:96792
 TI Silver halide photographic photosensitive materials for x-ray
 radiography
 and photoplatemaking.
 IN Hanyu, Takeshi
 PA Konishiroku Photo Ind, Japan
 SO Jpn. Kokai Tokkyo Koho, 35 pp.
 CODEN: JKXXAF
 DT Patent
 LA Japanese
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 08234352	A2	19960913	JP 1995-40045	19950228
OS	MARPAT 126:96792				
GI					



AB Eight different types of high-contrast silver halide photog. films that
 are useful as radiog. films and/or lith films. One type of the films
 have

.gtoreq. 1 hydrophilic colloid layer cured by a pyridinium salt of the
 formula I (R¹, R² = alkyl, aryl; R¹R² combination may complete a ring; R

=
 acidic substituent, LXSO₃⁻; L = bond, linking group; X = O. NR₃; R₃ = H,
 alkyl, aryl) and .gtoreq. 1 emulsion layer which contains dye-sensitized
 Ag halide grains whose AgCl content is .gtoreq. 60 mol %. Another type

of
 the films have 2 emulsion layers contg. AgCl or AgBr_{1-x}Cl_x (x .gtoreq.
 0.5) grains doped with Ru (10⁻⁹ to 10⁻³ mol/mol-Ag) and contains in
 .gtoreq. 1 of layers hydrazine deriv., an amine, a desensitizing dye and

a
 dye whose absorption max. is at 400-550 nm. All of the claimed films
 show

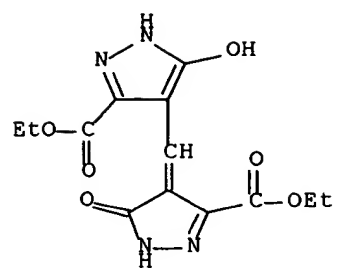
very low residual colors after processing, and excellent photog.
 characteristics for use as x-ray radiog. films and/or lith films.

IT 185448-21-9

RL: DEV (Device component use); MOA (Modifier or additive use); TEM
 (Technical or engineered material use); USES (Uses)
 (additive for high-contrast radiog. and lith films)

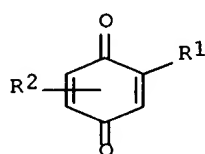
RN 185448-21-9 CAPLUS

CN 1H-Pyrazole-3-carboxylic acid, 4-[[3-(ethoxycarbonyl)-5-hydroxy-1H-
 pyrazol-
 4-yl]methylene]-4,5-dihydro-5-oxo-, ethyl ester (9CI) (CA INDEX NAME)

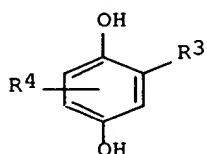


L4 ANSWER 34 OF 190 CAPLUS COPYRIGHT 2001 ACS
 AN 1997:48584 CAPLUS
 DN 126:96807
 TI Silver halide photographic material with good storage stability and processibility
 IN Sakai, Shuichi
 PA Fuji Photo Film Co Ltd, Japan
 SO Jpn. Kokai Tokkyo Koho, 74 pp.
 CODEN: JKXXAF
 DT Patent
 LA Japanese
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 08278597	A2	19961022	JP 1995-108125	19950407
GI					



I



II

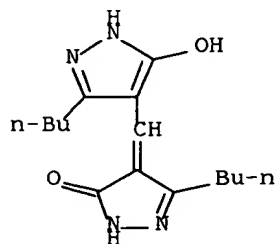
AB In the title photog. material having .gtoreq.3 different color photosensitive layers each contg. different a color coupler and Ag halide emulsion grains and .gtoreq.1 non-photosensitive hydrophilic colloid layer, the cyan coupler-contg. layer contains a compd. of I and II (R1, R3 = H, alkyl, halo; R2, R4 = alkyl, aryl, alkoxy, aryloxy, alkylthio, arylthio, amido, acyl, sulfonyl, alkoxycarbonyl, aryloxycarbonyl, carbamoyl, sulfamoyl, sulfoxide; R2 and R4 each contains .gtoreq.6 carbon), and the non-photosensitive hydrophilic colloid layer contains a fine particle dispersion of a dye D-(X)y (D = residual of a compd. contg. coloring group; X = dissociable H or it-contg. group; y = 1-7) prepd. via a thermal treatment at .gtoreq.40.degree..

IT 148520-58-5

RL: DEV (Device component use); USES (Uses)
 (contained in ncnphtosensitive hydrophilic colloid layer for photog. material)

RN 148520-58-5 CAPLUS

CN 3H-Pyrazol-3-one, 5-butyl-4-[(3-butyl-5-hydroxy-1H-pyrazol-4-yl)methylene]-
 2,4-dihydro- (9CI) (CA INDEX NAME)



L4 ANSWER 35 OF 190 CAPLUS COPYRIGHT 2001 ACS
 AN 1996:678772 CAPLUS
 DN 125:312337
 TI Photographic material containing solid fine particle dispersion
 IN Yoneyama, Hiroyuki
 PA Fuji Photo Film Co Ltd, Japan
 SO Jpn. Kokai Tokkyo Koho, 94 pp.
 CODEN: JKXXAF
 DT Patent
 LA Japanese
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 08201973	A2	19960809	JP 1995-31872	19950130
	US 5744292	A	19980428	US 1996-593373	19960129
PRAI	JP 1995-31872		19950130		

AB In the title Ag halide photog. material having at least one photog.
 component layer contg. a fine particle dispersion of a solid dye D-(X)y

[D

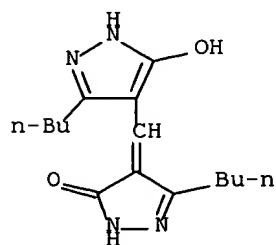
= residue contg. coloring group; X = dissociable H or group contg.
 dissociable H; y = 1-7], the solid dye is heat-treated at
 .gtoreq.40.degree.C, and the dispersion contains P-(Sm-R)n [R = H,
 hydrophobic group or polymer; P is a polymer of -(CH2-CR1(OH))-,
 -(CH2-CR1(OC(O)R2))-, and/or -(CR3X-CR4Y)-; R1 = H, C1-6 alkyl; R2 = H,
 C1-10 alkyl; R3 = H, Me; R4 = H, Me, -CH2COOH or its salt, CN; X = H,
 -COOH or its salt, -CONH2; Y = -COOH, -SO3H, -OSO3H, -CH2SO3H,
 -CONHC(CH3)CH2SO3H or their salts, -CONH(CH2)3N+(CH3)3Cl-].

IT 148520-58-5

RL: DEV (Device component use); USES (Uses)
 (photog. material from)

RN 148520-58-5 CAPLUS

CN 3H-Pyrazol-3-one, 5-butyl-4-[(3-butyl-5-hydroxy-1H-pyrazol-4-
 yl)methylene]-
 2,4-dihydro- (9CI) (CA INDEX NAME)



L4 ANSWER 36 OF 190 CAPLUS COPYRIGHT 2001 ACS

AN 1996:664482 CAPLUS

DN 125:288679

TI Silver halide photographic material with superior sharpness and processing

stability

IN Asami, Masahiro

PA Fuji Photo Film Co Ltd, Japan

SO Jpn. Kokai Tokkyo Koho, 66 pp.

CODEN: JKXXAF

DT Patent

LA Japanese

FAN.CNT 1

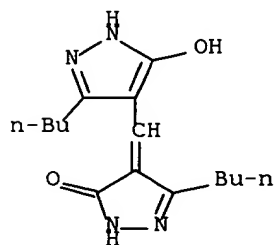
	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 08201977	A2	19960809	JP 1995-33123	19950130

AB In the title full color photog. material having .gtoreq.1 layer of each color Ag halide emulsion layer and a non-photosensitive layer, at least 1 layer contains a solid fine particle dispersion of D-(X)y (D = residue of a coloring group-having compd.; X = dissociable H or dissociable H-group directly or via a divalent group connected with D; y = 1-7), and the total gelatin coating amt. is 3.8-7.8 times of the Ag content. 6 Modifications of the photog. material contg. a polymer dispersion or a dye dispersion or a coupler are also claimed.

IT **148520-58-5**
RL: DEV (Device component use); USES (Uses)
(dispersion contained in photog. film for superior sharpness and processing stability)

RN 148520-58-5 CAPLUS

CN 3H-Pyrazol-3-one, 5-butyl-4-[(3-butyl-5-hydroxy-1H-pyrazol-4-yl)methylene]-
2,4-dihydro- (9CI) (CA INDEX NAME)



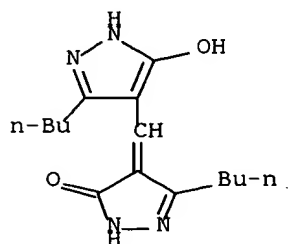
L4 ANSWER 37 OF 190 CAPLUS COPYRIGHT 2001 ACS
 AN 1996:660827 CAPLUS
 DN 125:288678
 TI Silver halide photographic material containing solid fine particle dispersion
 IN Shono, Akiko
 PA Fuji Photo Film Co Ltd, Japan
 SO Jpn. Kokai Tokkyo Koho, 88 pp.
 CODEN: JKXXAF
 DT Patent
 LA Japanese
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 08201975	A2	19960809	JP 1995-33093	19950130

AB In the title photog. material having .gtoreq.1 Ag halide photosensitive emulsion-contg. hydrophilic colloid layer and .gtoreq.1 non-photosensitive hydrophilic colloid layer, at least 1 above layer contains a solid fine particle dispersion of D-(X)y (D = residue of a coloring group-having compd.; X = dissociable H or dissociable H-having group directly or via a divalent group connected with D; y = 1-7), and the dispersion is treated at .gtoreq.40.degree. and has pH .ltoreq.6.5. 3 Modifications of the photog. material contg. a polymer dispersion with specified pH value are also claimed.

IT **148520-58-5**
 RL: DEV (Device component use); USES (Uses)
 (dispersion contained in photog. film for superior sharpness and processing stability)

RN 148520-58-5 CAPLUS
 CN 3H-Pyrazol-3-one, 5-butyl-4-[(3-butyl-5-hydroxy-1H-pyrazol-4-yl)methylene]-2,4-dihydro- (9CI) (CA INDEX NAME)



L4 ANSWER 38 OF 190 CAPLUS COPYRIGHT 2001 ACS

AN 1996:643466 CAPLUS

DN 125:288717

TI Silver halide color photographic material with good antistaticity

IN Kase, Akira

PA Fuji Photo Film Co Ltd, Japan

SO Jpn. Kokai Tokkyo Koho, 51 pp.

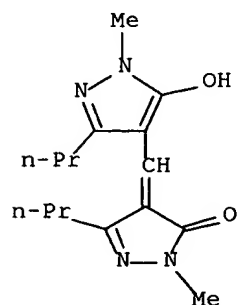
CODEN: JKXXAF

DT Patent

LA Japanese

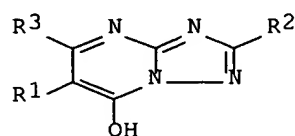
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
	-----	---	-----	-----	-----
PI	JP 08201976	A2	19960809	JP 1995-33122	19950130
AB	The photog. material consistsing of a transparent plastic support coated with light-sensitive layers and backcoated with .gtoreq.1 light-insensitive layer is characterized by that (1) it has a hydrophilic colloid layer contg. .gtoreq.1 solid dye dispersant DXy [D coloring residue; X = dissociable H(-contg. group)], (2) the light-insensitive layer contains .ltoreq.50% vol.% .gtoreq.1 elec. conductive metal oxide grains, and (3) the swell of the photog. material is 150-300%. The photog. material may contain 1-aryl-5-mercaptotetrazole. The metal oxide may be SnO2 or V2O5. The photog. material shows good antihalation property and antistaticity.				
IT	143943-13-9 RL: DEV (Device component use); USES (Uses) (Ag halide color photog. material with good antistaticity)				
RN	143943-13-9 CAPLUS				
CN	3H-Pyrazol-3-one, 2,4-dihydro-4-[(5-hydroxy-1-methyl-3-propyl-1H-pyrazol-4-yl)methylene]-2-methyl-5-propyl- (9CI) (CA INDEX NAME)				

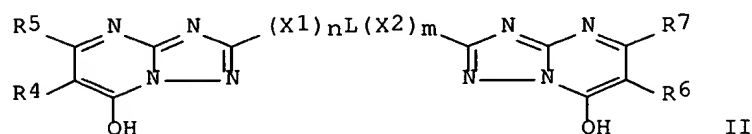


L4 ANSWER 39 OF 190 CAPLUS COPYRIGHT 2001 ACS
 AN 1996:543585 CAPLUS
 DN 125:181144
 TI Silver halide photographic material containing hydroxytetrazaindene derivative
 IN Suzuki, Keiichi
 PA Fuji Photo Film Co Ltd, Japan
 SO Jpn. Kokai Tokkyo Koho, 51 pp.
 CODEN: JKXXAF
 DT Patent
 LA Japanese
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 08146550	A2	19960607	JP 1994-311265	19941122
GI					



I



II

AB The material contains .gtoreq.1 hydrazine deriv. R1NA1NA2G1R2 [R1 = aliph., arom.; R2, R3 = H. alkyl, aryl, unsatd. heterocycle, alkoxy, aryloxy, amino, hydrazino; G1 = CO, SO2, SO, P(:O)R3, COCO, thiocarbonyl, iminomethylene; A1, A2 = H, (substituted) alkylsulfonyl, arylsulfonyl, acyl], a dye solid dispersion, and a hydroxytetrazaindene deriv. I [R1 = halo, CN, CO2R, CONH2, CONHR, CON(R)2, SO2R, SO2NH2, SO2NHR, SO2N(R)2; R2 = H, alkyl, aryl, OR, SR, SeR; R3 = H, halo, alkyl, aryl; R = alkyl, aryl] or II (R4, R6 = R1; R5, R7 = R3; X1, X2 = O, S, Se; n, m = 0, 1; L = divalent org. acid residue). The solid dye may be D(X)y (D = coloring group; y = 1-7; D = dissociable H or the H-contg. group). The material gives sharp photog. image and can be handled under the safelight.

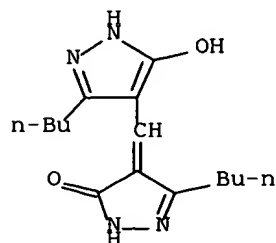
IT 148520-58-5

RL: DEV (Device component use); USES (Uses)

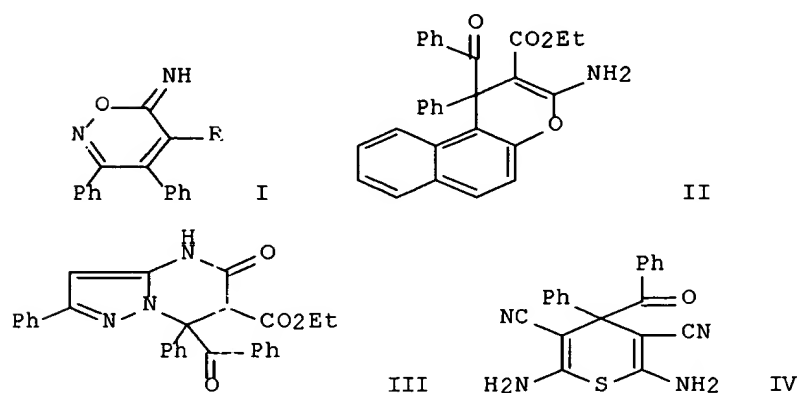
(Ag halide photog. material contg. hydroxytetrazaindene deriv. for sharp neg. image)

RN 148520-58-5 CAPLUS

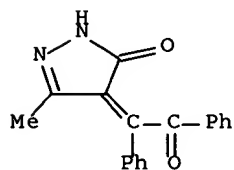
CN 3H-Pyrazol-3-one, 5-butyl-4-[(3-butyl-5-hydroxy-1H-pyrazol-4-yl)methylene]-2,4-dihydro- (9CI) (CA INDEX NAME)



L4 ANSWER 40 OF 190 CAPLUS COPYRIGHT 2001 ACS
 AN 1996:528225 CAPLUS
 DN 125:247726
 TI A new route to the synthesis of oxazines, condensed oxazines,
 polyfunctionally substituted pyran and pyridine
 AU Radwan, A. M.; Eslam, E. E.; Kassab, R.; Elnagdi, M. H.
 CS Chem. Dep., Fac. Sci., Al-Azhar Univ., Egypt
 SO J. Chem. Soc. Pak. (1996), 18(2), 166-169
 CODEN: JCSPDF; ISSN: 0253-5106
 DT Journal
 LA English
 OS CASREACT 125:247726
 GI

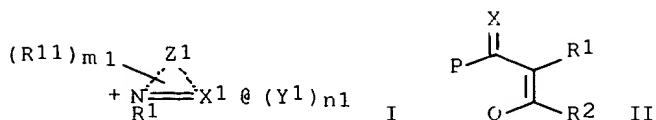


AB Reactions of benzil monoxime, $\text{PhCOC}(:\text{NOH})\text{Ph}$, with malononitrile-ammonium acetate [giving I ($\text{R} = \text{CN}$)], cyanothioacetamide [giving I ($\text{R} = \text{CSNH}_2$)], malononitrile-resorcinol, 1,1,3-tricyano-2-aminopropene/resorcinol have been studied. Also, reactions of benzil, PhCOCOPh , with Et cyanoacetate/.beta.-naphthol [giving 70% II], Et cyanoacetate/aminopyrazole [giving 50% III], pyrazolone and Et cyanoacetate/resorcinol have been studied. The reaction of $\text{PhCOC}(\text{Ph}):C(\text{CN})_2$, with $\text{NCCH}_2\text{C}(:\text{S})\text{NH}_2$, gave 85% thiopyran IV.
 IT **181698-45-3P**
 RL: SPN (Synthetic preparation); PREP (Preparation)
 (synthesis of oxazines, condensed oxazines and polyfunctionally substituted pyran and pyridine)
 RN 181698-45-3 CAPLUS
 CN 3H-Pyrazol-3-one, 2,4-dihydro-5-methyl-4-(oxodiphenylethylidene)- (9CI)
 (CA INDEX NAME)



L4 ANSWER 41 OF 190 CAPLUS COPYRIGHT 2001 ACS
 AN 1996:451675 CAPLUS
 DN 125:100003
 TI Image formation method of silver halide photographic photoreceptor
 IN Suzuki, Keiichi; Hirano, Shigeo
 PA Fuji Photo Film Co Ltd, Japan
 SO Jpn. Kokai Tokkyo Koho, 52 pp.
 CODEN: JKXXAF
 DT Patent
 LA Japanese
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
	-----	----	-----	-----	-----
PI	JP 08095208	A2	19960412	JP 1994-256062	19940927
GI					



AB A photog. photoreceptor composed of a .gtoreq.1 photosensitive Ag halide emulsion layer formed on a support is exposed to light and developed, wherein (A) the Ag halide photoreceptor contg. .gtoreq.1 compd. shown as

I
 (Z1 = nonmetallic atom. group which is necessary for formation of 6-membered N-contg. arom. hetero ring with N and X1; X1 = N, CR12, R12 = same as R11; R1 = alkyl, alkenyl, alkynyl, aryl, hetero ring; R11 = H, halo, substitution group which bond to ring via C, O, N, and S; m1 = 0, integral no. equal or less than the max. possible substitution no; when

m1
 are .gtoreq.2, R11 may be same or different, maybe bonded to each other to
 to
 form ring; 2 radicals, which are formed by loosing 1 H from I, may be bonded to form bis-type structure; Y1 = ion pair for charge balance; n1

=
 required no. for charge balance) are contained in the emulsion layer and/or other hydrophilic colloidal layer, (B) a solid disperse dye are contained in the photoreceptor, and (C) the developer liq. contg. a main agent are shown as II [P, Q = OH, hydroxyalkyl, carboxyl, carboxyalkyl, sulfo, sulfoalkyl, amino, aminoalkyl, alkyl, alkoxy, mercapto; P and Q

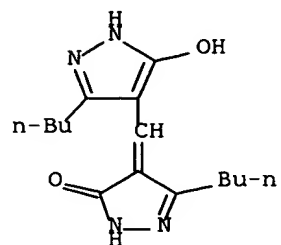
may
 be an atom. group which may be bonded to each other to form 5-7-membered ring with 2 vinyl C whose R1 and R2 are substituted and C whose Y is substituted; examples of the ring structures may be formed with O,

CR4R5,
 CR6, C(:O), NR7, N:; R4-7 = H, OH, carboxyl, C1-10 alkyl which may be substituted with OH, carboxyl, sulfo].

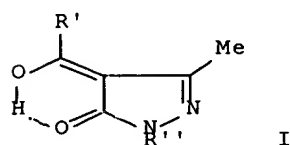
IT 148520-58-5
 RL: TEM (Technical or engineered material use); USES (Uses)
 (solid disperse dye; image formation method of silver halide photog. photoreceptor)

RN 148520-58-5 CAPLUS

CN 3H-Pyrazol-3-one, 5-butyl-4-[(3-butyl-5-hydroxy-1H-pyrazol-4-yl)methylene]-
2,4-dihydro- (9CI) (CA INDEX NAME)



L4 ANSWER 42 OF 190 CAPLUS COPYRIGHT 2001 ACS
 AN 1996:331042 CAPLUS
 DN 125:168184
 TI Triorganotin(IV) derivatives of several 4-acyl-5-pyrazolonato ligands:
 synthesis, spectroscopic characterization and behavior in solution.
 Crystal structure of aquotrimethyl(4-p-methoxybenzoyl-1-phenyl-3-methyl-
 pyrazolon-5-ato)tin(IV)
 AU Marchetti, Fabio; Pettinari, Claudio; Cingolani, Augusto; Lobbia,
 Giancarlo Gioia; Cassetta, Alberto; Barba, Luisa
 CS Dipartimento di Scienze Chimiche, Universita degli Studi, via S.
 Agostino
 1, 62032 Camerino, Macerata, Italy
 SO J. Organomet. Chem. (1996), 517(1-2), 141-154
 CODEN: JORCAI; ISSN: 0022-328X
 DT Journal
 LA English
 GI



AB New triorganotin(IV) derivs. [(Q)SnR₃.cntdot.x(H₂O)] (x = 0, R = Ph; x =
 1, R = Me and Bu) (in general QH = I; in detail Q'H: R' = C₆H₅, R'' =
 C₆H₅; QAH: R' = C₆H₅, R'' = p-CH₃OC₆H₄; QNH: R' = C₆H₅, R'' = p-NO₂C₆H₄;
 QBrH: R' = C₆H₅, R'' = p-BrC₆H₄; Q''H: R' = C₆H₅, R'' = CH₃; QC₁H: R' =
 C₆H₅, R'' = CCl₃; QFH: R' = C₆H₅, R'' = CF₃; QMH: R' = CH₃, R'' = C₆H₅;
 QDH: R' = CH₃, R'' = CH₃) were synthesized and characterized by anal.

and

spectral (IR and ¹H, ¹³C and ¹¹⁹Sn NMR) data. The (Q)SnPh₃ derivs. are
 five-coordinated in the solid state, with a likely skewed cis-trigonal
 bipyramidal (cis-TBP) geometry around the Sn center and the ligand (Q)-
 acting in the bidentate form. In [(Q)SnR₃.cntdot.(H₂O)] derivs. (R = Bu
 or Me) a coordination site is occupied by H₂O, with the ligand (Q)-
 coordinating in a monodentate fashion. The crystal structure of
 [(QA)SnMe₃.cntdot.(H₂O)] was detd.: the Sn atom is found in a distorted
 TBP environment, with the methyls in the equatorial positions. Two of

the

Sn-C bond lengths are normal (2.11(1) and 2.08(2) .ANG.) whereas the 3rd
 is longer (2.18(2) .ANG.); the ligand binds the metal atom through one
 carbonyl O in the apical position (Sn-O = 2.10(1) .ANG.). The bond

length

between H₂O and Sn is longer (2.41(2) .ANG.), and the O-Sn-O angle is
 174.9(5).degree.. H atoms of H₂O are involved in an intermol. H-bond
 network with uncoordinated carbonyl and the pyridinic N atom of the
 ligand. In CHCl₃ soln. the [(Q)SnR₃.cntdot.(H₂O)] derivs. (R = Me or

Bu)

lost the mol. of H₂O and adopt a tetrahedral arrangement. They also

give

rise to a slow disproportionation, yielding SnR₄ and [(Q)₂SnR₂] derivs.

IT 40030-37-3

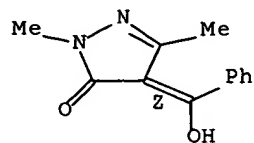
RL: PRP (Properties); RCT (Reactant)

(NMR, IR, and prepn. of tin organo acylpyrazolonato complexes from)

RN 40030-37-3 CAPLUS

CN 3H-Pyrazol-3-one, 2,4-dihydro-4-(hydroxyphenylmethylene)-2,5-dimethyl-,
(4Z)- (9CI) (CA INDEX NAME)

Double bond geometry as shown.



L4 ANSWER 43 OF 190 CAPLUS COPYRIGHT 2001 ACS
 AN 1996:321041 CAPLUS
 DN 124:356148
 TI Image formation method
 IN Hirai, Hiroyuki; Yabuki, Yoshiharu
 PA Fuji Photo Film Co., Ltd., Japan
 SO Eur. Pat. Appl., 66 pp.
 CODEN: EPXXDW

DT Patent
 LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	EP 704759	A2	19960403	EP 1995-114681	19950918
	R: DE, FR, GB				
	JP 08101487	A2	19960416	JP 1994-259805	19940930
PRAI	JP 1994-259805		19940930		

OS MARPAT 124:356148

AB An image formation method is described, which comprises the steps of superimposing a silver halide light-sensitive material contg. a compd. represented by the formula D(X)y, where D represents a compd. having a chromophore; X represents a dissociative proton or a group having a dissociative proton bonded to D directly or via a divalent linking group;

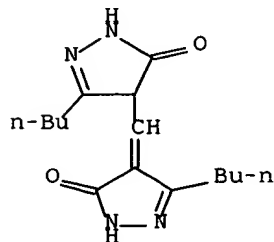
and y represents an integer of from 1 to 7, on a mordant sheet contg. a mordant after or during imagewise exposure in the presence of a reducing agent, a base, and water so that the layer surfaces of the light-sensitive material and the mordant sheet face to each other, developing the light-sensitive material, and transferring the compd. D(X)y to the mordant sheet to obtain an image on the silver halide light-sensitive material.

IT 142577-29-5

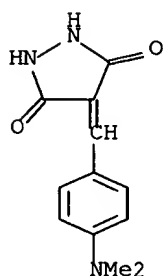
RL: TEM (Technical or engineered material use); USES (Uses)
 (dissociative dye-forming compd. for diffusion-transfer color photog. materials)

RN 142577-29-5 CAPLUS

CN 3H-Pyrazol-3-one, 5-butyl-4-[(3-butyl-1,5-dihydro-5-oxo-4H-pyrazol-4-ylidene)methyl]-2,4-dihydro- (9CI) (CA INDEX NAME)

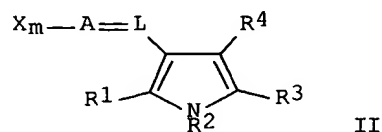
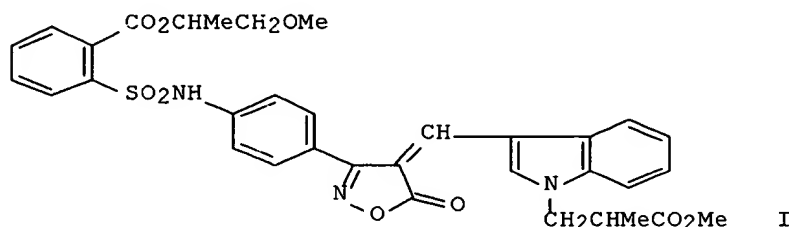


L4 ANSWER 44 OF 190 CAPLUS COPYRIGHT 2001 ACS
 AN 1996:277847 CAPLUS
 DN 124:356657
 TI The use of maximum entropy and likelihood ranking to determine the
 crystal
 structure of 4-(4'-(N,N-dimethylamino)benzylidene)pyrazolidine-3,5-dione
 at 1.4 .ANG. resolution
 AU Voigt-Martin, I. G.; Yan, D. H.; Gilmore, C. J.; Shankland, K.;
 Bricogne,
 G.
 CS Inst. Phys. Chem., Univ. Mainz, Mainz, D 55099, Germany
 SO Electron Microsc. 1994, Proc. Int. Congr. Electron Microsc., 13th
 (1994),
 Volume 1, 963-964. Editor(s): Jouffrey, Bernard; Colliex, C. Publisher:
 Editions de Physique, Les Ulis, Fr.
 CODEN: 62SHAV
 DT Conference
 LA English
 AB A study is presented in which the formalism of max. entropy and
 likelihood
 ranking is used to solve the structure of the title compd. at
 .apprx.1.4.degree. resoln. A potential map is obtained and the results
 are compared with those of model building and high resoln. imaging.
 XT **87161-14-6**
 RL: PRP (Properties)
 (use of max. entropy and likelihood ranking to det. crystal structure
 at 1.4 .ANG. resoln. of)
 RN 87161-14-6 CAPLUS
 CN 3,5-Pyrazolidinedione, 4-[[4-(dimethylamino)phenyl]methylene]- (9CI)
 (CA
 INDEX NAME)



L4 ANSWER 45 OF 190 CAPLUS COPYRIGHT 2001 ACS
 AN 1996:205329 CAPLUS
 DN 124:274376
 TI Photographic hydrophilic colloidal emulsion and silver halide
 photographic
 material using it
 IN Nakamura, Tetsuo
 PA Fuji Photo Film Co Ltd, Japan
 SO Jpn. Kokai Tokkyo Koho, 17 pp.
 CODEN: JKXXAF
 DT Patent
 LA Japanese
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 08006196	A2	19960112	JP 1994-135697	19940617
GI					



AB The title emulsion contains .gtoreq.1 compd. XmA:LDYn (I; A = acidic
 nucleus; D = aryl, heterocycle, .gtoreq.1 of A and D is 5-membered
 heterocycle which may be condensed with other 5- or 6-membered ring; L =
 methine group; X, Y = substituent having .gtoreq.1 asym. C atom; m, n
 .gtoreq.1; I contains .gtoreq.1 dissocg. proton-contg. substituent). I
 may be II (X, A, L, m are same as above; R1, R3, R4 = H, alkyl, aryl, R3
 and R4 may form 5- or 6-membered ring; R2 = H, alkyl, aryl, amino;
 .gtoreq.1 of R1-4 has substituent with asym. C atom; II contains
 .gtoreq.1
 dissocg. proton-contg. group). Silver halide photog. materials contg.
 .gtoreq.1 of I are also claimed. The compd. shows high soly. in oils or
 polymers and no adverse effects on photog. emulsions and can be
 decolored
 and/or solved out quickly upon development, and the emulsion exhibits
 good
 storage stability upon cold storage. Thus, an oil phase contg. III and
 AcOEt and an aq. phase contg. gelatin were emulsified to give an
 emulsion,
 which was used for forming a yellow filter layer.

IT 175221-96-2

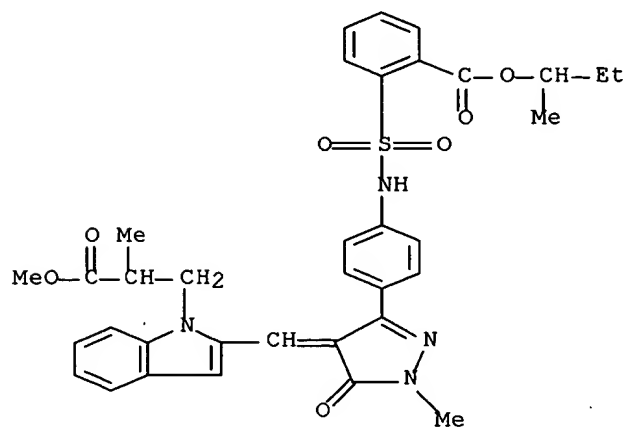
RL: DEV (Device component use); MOA (Modifier or additive use); USES

(Uses)

(silver halide photog. emulsion contg. dye)

RN 175221-96-2 CAPLUS

CN 1H-Indole-1-propanoic acid, 2-[[[1,5-dihydro-1-methyl-3-[4-[[[2-[(1-methylpropoxy)carbonyl]phenyl]sulfonyl]amino]phenyl]-5-oxo-4H-pyrazol-4-ylidene]methyl]-.alpha.-methyl-, methyl ester (9CI) (CA INDEX NAME)



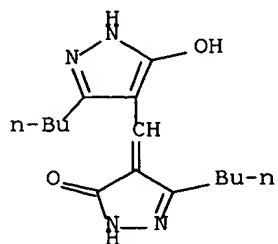
L4 ANSWER 46 OF 190 CAPLUS COPYRIGHT 2001 ACS
 AN 1996:175694 CAPLUS
 DN 124:215913
 TI Color silver halide photographic material
 IN Ootani, Shigeaki
 PA Fuji Photo Film Co Ltd, Japan
 SO Jpn. Kokai Tokkyo Koho, 69 pp.
 CODEN: JKXXAF
 DT Patent
 LA Japanese
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 07333795	A2	19951222	JP 1994-148646	19940607

AB In the title full-color Ag halide photog. material, 2 types of specified dyes having .gtoreq.1 dissociable group are dispersed in .gtoreq.1 photog. component layers as solid fine particles, and the magenta coupler-contg. photosensitive emulsion layer contains a pyrazolotriazole coupler, and contains AgClBr, AgClBrI, AgClI or AgCl grains with AgCl content .gtoreq.70%, to which 0.0005-0.05 mol of a Br ion releasing compd. and/or Br atom releasing compd. is added per mol of Ag halide after Ag halide grains are formed but before the emulsion is applied to a photog. substrate.

IT **148520-58-5**
 RL: DEV (Device component use); USES (Uses)
 (dye for photog. material)

RN 148520-58-5 CAPLUS
 CN 3H-Pyrazol-3-one, 5-butyl-4-[(3-butyl-5-hydroxy-1H-pyrazol-4-yl)methylene]-
 2,4-dihydro- (9CI) (CA INDEX NAME)



L4 ANSWER 47 OF 190 CAPLUS COPYRIGHT 2001 ACS
 AN 1996:73636 CAPLUS
 DN 124:189420
 TI Silver halide photographic material containing solid dye dispersion
 IN Kobayashi, Hidetoshi; Nakanishi, Masatoshi; Nakatsu, Masaharu
 PA Fuji Photo Film Co Ltd, Japan
 SO Jpn. Kokai Tokkyo Koho, 52 pp.
 CODEN: JKXXAF

DT Patent
 LA Japanese

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 07295125	A2	19951110	JP 1994-109149	19940426
AB	In the photog. material comprising a support coated with .gtoreq.1 Ag halide photog. emulsion layer and a nonphotosensitive layer, .gtoreq.1 of				

which contains a solid dispersion of fine dye particles DXy (D = coloring group)-contg. compd.; X = a dissociative H-contg. group with linkage to X directly or via a bivalent group; y = 1-7) and the emulsion layer contains Ag halide particles, with .gtoreq.50% projection area of which comprising tabular ones with AgCl content .gtoreq.60 mol% and aspect ratio 2-15.

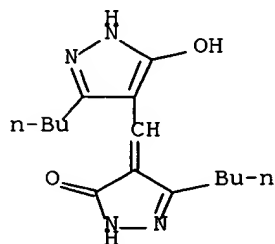
The material shows high sensitivity and good storage stability.

IT 148520-58-5

RL: DEV (Device component use); MOA (Modifier or additive use); USES (Uses)
 (solid dye dispersion; silver halide color photog. material contg. tabular particles and solid dispersion dyes)

RN 148520-58-5 CAPLUS

CN 3H-Pyrazol-3-one, 5-butyl-4-[(3-butyl-5-hydroxy-1H-pyrazol-4-yl)methylene]-
 2,4-dihydro- (9CI) (CA INDEX NAME)



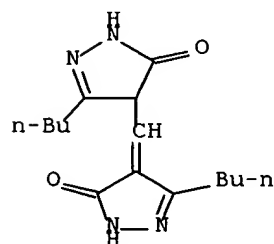
L4 ANSWER 48 OF 190 CAPLUS COPYRIGHT 2001 ACS
 AN 1996:61279 CAPLUS
 DN 124:131438
 TI High contrast silver halide photographic material with excellent storage stability
 IN Suzuki, Keiichi; Sakurai, Seiya
 PA Fuji Photo Film Co Ltd, Japan
 SO Jpn. Kokai Tokkyo Koho, 81 pp.
 CODEN: JKXXAF
 DT Patent
 LA Japanese
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 07295131	A2	19951110	JP 1994-110200	19940427

AB The title material contains a hydrazine deriv.(s), R1NA1NA2G1R2 [R1 = aliph., arom.; R2 = H, alkyl, aryl, unsatd. heterocyclyl, alkoxy, aryloxy, amino, hydrazino; G1 = CO, SO2, SO, POR3, COCO, thiocarbonyl, iminomethylene; A1, A2 = H, alkylsulfonyl, arylsulfonyl, acyl; R3 = H, alkyl, aryl, unsatd. heterocyclyl, alkoxy, aryloxy, amino, hydrazino], and
 a surfactant(s), OP(Q1R1)(Q2R2)(Q3LZ) [R1 = aliph., alicyclic, arom., heterocyclyl; R2 = aliph., alicyclic, arom., heterocyclyl, LZ; Q1-3 = single bond, O, S, NR3, NR3CO; R3 = H, aliph., alicyclic, arom., heterocyclyl, LZ; L = divalent connecting group; Z = ionic group] in a photog. emulsion layer(s) and/or hydrophilic colloidal layer(s), and dye solid dispersions.

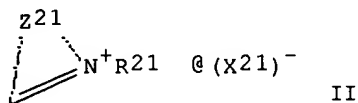
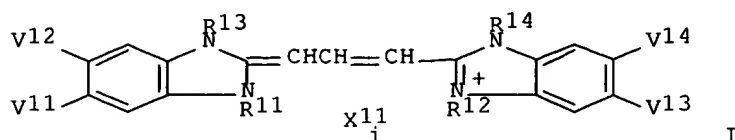
IT **142577-29-5**
 RL: DEV (Device component use); USES (Uses)
 (high contrast silver halide photog. material with excellent storage stability contg.)

RN 142577-29-5 CAPLUS
 CN 3H-Pyrazol-3-one, 5-butyl-4-[(3-butyl-1,5-dihydro-5-oxo-4H-pyrazol-4-ylidene)methyl]-2,4-dihydro- (9CI) (CA INDEX NAME)



L4 ANSWER 49 OF 190 CAPLUS COPYRIGHT 2001 ACS
 AN 1996:39094 CAPLUS
 DN 124:189389
 TI Direct-positive color photographic material, color image-forming method,
 and manufacture of color proof
 IN Inoe, Akyuki; Ikeda, Tadashi; Sakai, Minoru; Okamura, Hisashi; Kawamoto,
 Hiroyuki; Matsumoto, Keisuke
 PA Fuji Photo Film Co Ltd, Japan
 SO Jpn. Kokai Tokkyo Koho, 38 pp.
 CODEN: JKXXAF
 DT Patent
 LA Japanese
 FAN.CNT 1

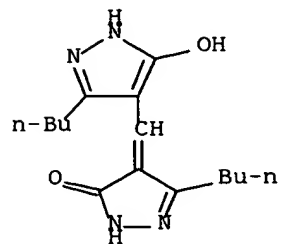
	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 07287339	A2	19951031	JP 1994-103344	19940418
GI					



AB In the photog. material contg. previously unfogged internal latent
 image-forming Ag halide grains in .gtoreq.1 blue-sensitive, .gtoreq.1
 green-sensitive, and .gtoreq.1 red-sensitive photog. emulsion layers,
 which are adjacent to .gtoreq.1 nonphotosensitive layer except a
 colloidal
 Ag-contg. yellow filter layer on a support, the green-sensitive layer
 contains a cyanine sensitizing dye I [V11-14 = H, electron-withdrawing
 group; .gtoreq.2 of V11-14 .noteq. H; R11-14 = C.ltoreq.10 alkyl,
 alkenyl;
 .gtoreq.1 of R11-14 = SO3H- or CO2H-contg. group; X11 = counter ion to
 neutralize elec. charge; i = 0, 1] to show the sensitivity of the
 green-sensitive layer .gtoreq.0.8 higher (as log E) than the red-
 sensitive
 layer. The photog. material may contain a N-contg. heterocyclic salt II
 (Z21 = at. group to form a N-contg. heterocycle; R21 = alkyl; (X21)- =
 counter anion). The color proof is manufd. by exposing red, green, and
 blue light to the photog. material using color-sepd. cyan, magenta,
 yellow, and black dot image-transferred films, followed by
 color-developing. The color image is formed by scanning exposure of the
 photog. material in .ltoreq.10-3 s per an imaging element. The material
 gave photog. images with good dot reprodn.
 IT 148520-58-5
 RL: DEV (Device component use); USES (Uses)
 (component in yellow filter layer; manuf. of color proof and color
 image by using silver halide color photog. material)

RN 148520-58-5 CAPLUS

CN 3H-Pyrazol-3-one, 5-butyl-4-[(3-butyl-5-hydroxy-1H-pyrazol-4-yl)methylene]-
2,4-dihydro- (9CI) (CA INDEX NAME)

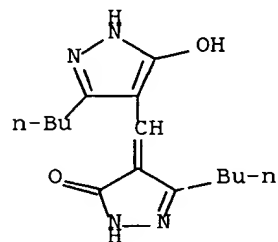


L4 ANSWER 50 OF 190 CAPLUS COPYRIGHT 2001 ACS
 AN 1996:20225 CAPLUS
 DN 124:71526
 TI Manufacture of silver halide photographic material with improved Dmax
 IN Yasuda, Shoji
 PA Fuji Photo Film Co Ltd, Japan
 SO Jpn. Kokai Tokkyo Koho, 56 pp.
 CODEN: JKXXAF

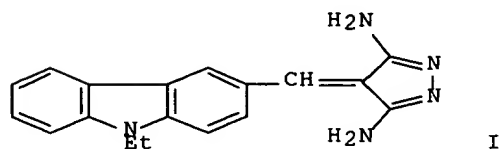
DT Patent
 LA Japanese

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 07287341	A2	19951031	JP 1994-101718	19940418
AB	The title manuf. includes a drying process to dry the photog. material comprising a support, .gtoreq.1 photosensitive Ag halide emulsion layer(s), and an outermost layer contg. .gtoreq.1 mat agent(s) and solid dye dispersion at .ltoreq.20.degree. of wet-bulb temp. until a wt. ratio of water/binder reaches 200%. The material may contain .gtoreq.1 hydrazine compd.(s), tetrazolium compd.(s), and/or ethylenic polymer(s).				
IT	148520-58-5 RL: DEV (Device component use); USES (Uses) (photog. material outermost layer comprising)				
RN	148520-58-5 CAPLUS				
CN	3H-Pyrazol-3-one, 5-butyl-4-[(3-butyl-5-hydroxy-1H-pyrazol-4-yl)methylene]- 2,4-dihydro- (9CI) (CA INDEX NAME)				



L4 ANSWER 51 OF 190 CAPLUS COPYRIGHT 2001 ACS
 AN 1995:954422 CAPLUS
 DN 124:146013
 TI Facile synthesis of novel carbazoles through heterocyclization reactions and their antimicrobial activity
 AU Berghot, Maged Ahmed; Badawy, Doria Saleh; Moawad, Evelin Boshra
 CS Chemistry Department, Mansoura University, Mansoura, Egypt
 SO Rev. Roum. Chim. (1995), 40(4), 377-86
 CODEN: RRCHAX; ISSN: 0035-3930
 DT Journal
 LA English
 GI



AB 9-Ethylcarbazole binary attached to the position 3 with heterocyclic systems such as pyrazole, pyrazolinone, pyrazoline, thiazolidinone, azetidinone, triazoline, benzimidazole, benzoxazole, benzothiazole, oxazolidinone, thiouracil and furan were synthesized. The structures of the synthesized compds. have been confirmed by anal. and spectral methods.

Pyrazole I showed antimicrobial activity against *Bacillus subtilis* and *Escherichia coli*.

IT 173463-38-2P

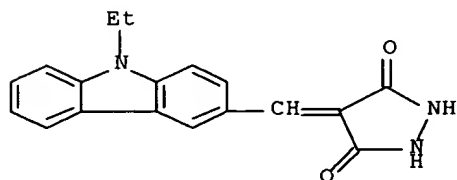
RL: SPN (Synthetic preparation); PREP (Preparation)

(synthesis of carbazoles through heterocyclization reactions and their antimicrobial activity)

RN 173463-38-2 CAPLUS

CN 3,5-Pyrazolidinedione, 4-[(9-ethyl-9H-carbazol-3-yl)methylene]- (9CI)
 (CA

INDEX NAME)



L4 ANSWER 52 OF 190 CAPLUS COPYRIGHT 2001 ACS
AN 1995:879142 CAPLUS
DN 124:41275
TI Processing of silver halide photographic materials using thiosulfonic acid

to promote removal of impregnated solid dye dispersion
IN Goto, Masatoshi; Fujita, Yoshihiro
PA Fuji Photo Film Co Ltd, Japan
SO Jpn. Kokai Tokkyo Koho, 51 pp.
CODEN: JKXXAF

DT Patent
LA Japanese

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 07181637	A2	19950721	JP 1993-345971	19931224
	US 5460923	A	19951024	US 1994-362929	19941223
PRAI	JP 1993-345971		19931224		

AB The claimed method is characterized by (1) that the material has
.gtoreq.1
hydrophilic colloid layer contg. a solid dye dispersion and (2) that it
is
treated by a soln. having fixing capability and contg. a thiosulfonic
acid
deriv. RSO_2SM (R = aliph., arom., heterocyclic group; M = H, cation).

The
soln. preferably contains ammonium ion in the amt. of 0-50 mol% of total
cationic species. The preferable solid dye is combined with a
proton-releasing group. The thiosulfonate promotes fixing, reduces cyan
stain, and also reduces the ammonium content in the fixing soln.

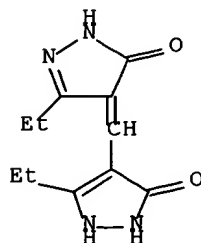
IT 171664-45-2

RL: DEV (Device component use); USES (Uses)
(dye; processing of Ag halide photog. materials using thiosulfonic
acid

to promote removal of impregnated solid dye dispersion)

RN 171664-45-2 CAPLUS

CN 3H-Pyrazol-3-one, 5-ethyl-4-[(3-ethyl-1,5-dihydro-5-oxo-4H-pyrazol-4-ylidene)methyl]-1,2-dihydro- (9CI) (CA INDEX NAME)



L4 ANSWER 53 OF 190 CAPLUS COPYRIGHT 2001 ACS
 AN 1995:838821 CAPLUS
 DN 123:325660
 TI Silver halide photographic materials
 IN Ogawa, Yoshiko; Hirabayashi, Shigeto
 PA Konishiroku Photo Ind, Japan
 SO Jpn. Kokai Tokkyo Koho, 32 pp.
 CODEN: JKXXAF
 DT Patent
 LA Japanese

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 07168313	A2	19950704	JP 1993-315397	19931215
GI					

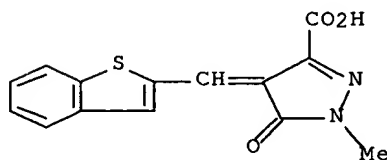
AB The title materials comprise photog. constitutive layers .gtoreq.1 of which contains solid fine particle dispersion of .gtoreq.1 compd. I (A = 2-pyrazolin-5-on nucleus; X = O, S; R1, R2 = H, substituent; L1-3 = methine group; n = 0-2; I has .gtoreq.1 of carboxy, sulfonamido, and sulfamoyl groups) or II (A = 2-pyrazolin-5-on nucleus; R3-5 = H, alkyl, aryl, heterocyclyl, alkylcarbonyl, arylcarbonyl, alkoxy carbonyl, aryloxy carbonyl, arylsulfonyl, alkylsulfinyl, arylsulfinyl, carbamoyl, sulfamoyl, CN, sulfonamido, amido, ureido, alkoxy, alkylthio, arylthio, carboxy, sulfo, OH, halo, R3 and R4 may form a heterocycle; L4-6 = methine; m = 0-2; II has .gtoreq.1 of carboxy, sulfonamido, sulfamoyl groups). The materials show good storage stability and low fog and prevent the decrease in green sensitivity due to yellow colloidal Ag.

IT 169959-64-2 169959-67-5

RL: DEV (Device component use); MOA (Modifier or additive use); USES

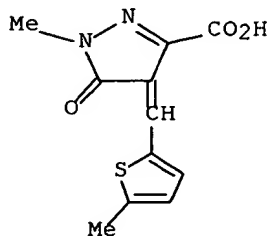
RN 169959-64-2 CAPLUS

CN 1H-Pyrazole-3-carboxylic acid, 4,5-dihydro-1-methyl-4-[(5-methyl-2-thienyl)methylene]-5-oxo- (9CI) (CA INDEX NAME)



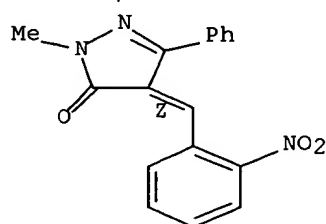
RN 169959-67-5 CAPLUS

CN 1H-Pyrazole-3-carboxylic acid, 4,5-dihydro-1-methyl-4-[(5-methyl-2-thienyl)methylene]-5-oxo- (9CI) (CA INDEX NAME)



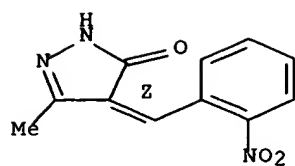
L4 ANSWER 54 OF 190 CAPLUS COPYRIGHT 2001 ACS
 AN 1995:812335 CAPLUS
 DN 124:29655
 TI Condensation of 2-nitrobenzaldehyde with pyrazolin-5-ones. Structure of
 4-(2-nitrobenzylidene)pyrazolin-5-ones and their reductive cyclization
 AU Danel, A.; Tomasik, P.
 CS Department Chemistry, Hugon Kollataj Academy Agriculture, Krakow, PL30
 059, Pol.
 SO Pol. J. Chem. (1995), 69(7), 1013-17
 CODEN: PJCHDQ; ISSN: 0137-5083
 DT Journal
 LA English
 AB The condensation of 1-H-3-methyl-, 3-methyl-1-phenyl-, 1,3-diphenyl- and
 1-methyl-3-phenylpyrazolin-5-ones with 2-nitrobenzaldehyde resulted in
 forming the corresponding 4-(2-nitrobenzylidene)pyrazolin-5-ones. In
 some cases these products were assisted by side products formed by the
 condensation of two mols. of pyrazolin-5-ones with one mol. of the
 aldehyde. All the benzylidene compds. were cyclized on redn. of the
 nitro group to the amino group. The cyclization confirms that all the
 benzylidene compds. prepd. were the cis-isomers. The UV absorption
 spectra confirm addnl. their structures.
 IT **171514-69-5P**
 RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation)
 (prepn. and cyclization of)
 RN 171514-69-5 CAPLUS
 CN 3H-Pyrazol-3-one, 2,4-dihydro-2-methyl-4-[(2-nitrophenyl)methylene]-5-
 phenyl-, (Z)- (9CI) (CA INDEX NAME)

Double bond geometry as shown.



IT **171514-65-1P 171514-71-9P**
 RL: SPN (Synthetic preparation); PREP (Preparation)
 (prepn. of)
 RN 171514-65-1 CAPLUS
 CN 3H-Pyrazol-3-one, 2,4-dihydro-5-methyl-4-[(2-nitrophenyl)methylene]-,
 (Z)-
 (9CI) (CA INDEX NAME)

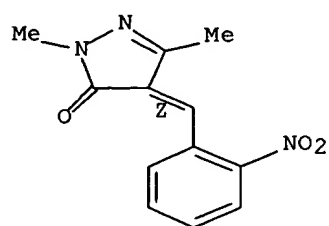
Double bond geometry as shown.



RN 171514-71-9 CAPLUS

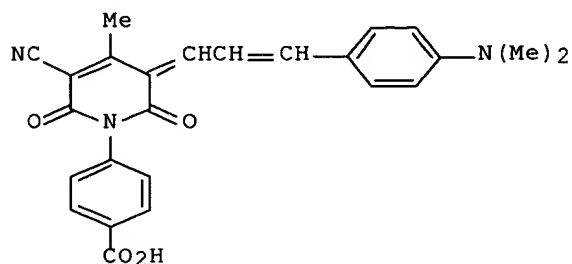
CN 3H-Pyrazol-3-one, 2,4-dihydro-2,5-dimethyl-4-[(2-nitrophenyl)methylene]-
,
(Z)- (9CI) (CA INDEX NAME)

Double bond geometry as shown.



L4 ANSWER 55 OF 190 CAPLUS COPYRIGHT 2001 ACS
 AN 1995:789467 CAPLUS
 DN 123:183399
 TI Silver halide photographic material and its processing
 IN Obayashi, Keiji; Nakajo, Kyoshi
 PA Fuji Photo Film Co Ltd, Japan
 SO Jpn. Kokai Tokkyo Koho, 49 pp.
 CODEN: JKXXAF
 DT Patent
 LA Japanese
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 07168311	A2	19950704	JP 1994-254162	19940926
PRAI	JP 1993-244717		19930930		
GI					



I

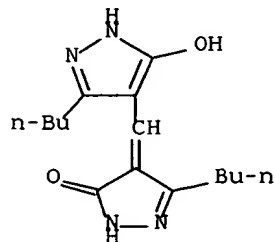
AB In the title photog. material comprising .gtoreq.1 Ag halide photog. layers and .gtoreq.1 nonphotosensitive layers on its support, the support is made from an alkylene arom. dicarboxylate polymer having a glass transition temp. of 50-200.degree., and is heat treated at a temp. between 40.degree. and the above glass transition temp. for 0.1-1500 hs before photog. layers are formed, and the nonphotosensitive layer contains a crystallite dispersion of a dye such as (I). The above photog. material is developed at a temp. between 40.degree. and 60.degree.. This photog. material shows good anticurl capability.

IT 148520-58-5

RL: DEV (Device component use); USES (Uses)
 (photog. antihalation layer contg.)

RN 148520-58-5 CAPLUS

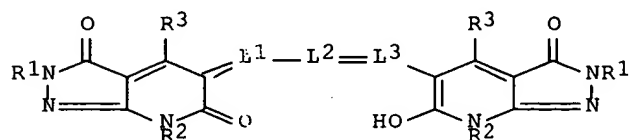
CN 3H-Pyrazol-3-one, 5-butyl-4-[(3-butyl-5-hydroxy-1H-pyrazol-4-yl)methylene]-2,4-dihydro- (9CI) (CA INDEX NAME)



L4 ANSWER 56 OF 190 CAPLUS COPYRIGHT 2001 ACS
 AN 1995:777937 CAPLUS
 DN 123:183393
 TI Silver halide color photographic material with superior light-absorbing properties and rapid processability
 IN Kase, Akira; Yabuki, Yoshiharu
 PA Fuji Photo Film Co Ltd, Japan
 SO Jpn. Kokai Tokkyo Koho, 67 pp.
 CODEN: JKXXAF
 DT Patent
 LA Japanese
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 07168314	A2	19950704	JP 1993-343516	19931215
	US 5879869	A	19990309	US 1996-724399	19961002
PRAI	JP 1993-343516		19931215		
	US 1994-357232		19941212		
	US 1995-400509		19950307		

GI



AB The title full color photog. material contains dispersed fine solid particle of compd. I (R1-3, L1-3 are specified org. group), A1=L-Q, and/or

A1=L-A2 (A1, A2 = acidic nuclide; Q = aryl, heterocyclyl).

IT **148520-58-5**

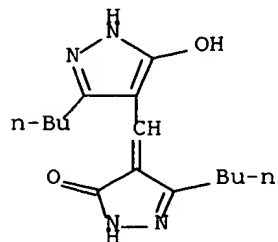
RL: DEV (Device component use); USES (Uses)

(combined with other dye contained in photog. material)

RN 148520-58-5 CAPLUS

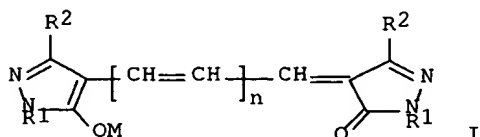
CN 3H-Pyrazol-3-one, 5-butyl-4-[(3-butyl-5-hydroxy-1H-pyrazol-4-yl)methylene]-

2,4-dihydro- (9CI) (CA INDEX NAME)



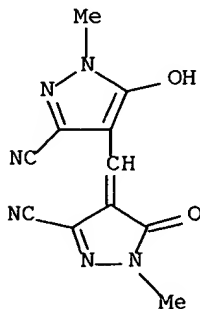
L4 ANSWER 57 OF 190 CAPLUS COPYRIGHT 2001 ACS
 AN 1995:769897 CAPLUS
 DN 123:183380
 TI Silver halide color photographic processing with reduced stain formation
 IN Nakamura, Koichi
 PA Fuji Photo Film Co Ltd, Japan
 SO Jpn. Kokai Tokkyo Koho, 54 pp.
 CODEN: JKXXAF
 DT Patent
 LA Japanese
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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PI	JP 07159957	A2	19950623	JP 1993-325807	19931201
GI					

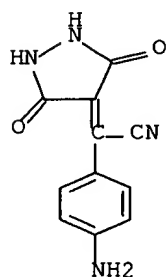


AB The title processing comprises processing Ag halide color photog. materials contg. I (R1 = H, alkyl; R2 = substituent; n = 0, 1, 2; M = H, alkali metal) with a processing compn. contg. water-sol. surfactants at certain replenishing amts. The surfactants are represented as AX(L1)p(L2)q(L3)rB [A = H, alkyl, alkenyl, aralkyl; X = O, CO, S, NR, CONR, SO2NR; R = C1-10 alkyl, (L1)p(L2)q(L3)rB; L1, L3 = ethyleneoxy; L2 = propyleneoxy; p, q, r = 0-300; B = H, alkyl, Ph].

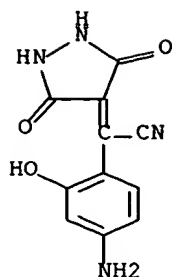
IT **167220-66-8**
 RL: DEV (Device component use); MOA (Modifier or additive use); USES (Uses)
 (silver halide color photog. processing with reduced stain formation)
 RN 167220-66-8 CAPLUS
 CN 1H-Pyrazole-3-carbonitrile, 4-[(3-cyano-5-hydroxy-1-methyl-1H-pyrazol-4-yl)methylene]-4,5-dihydro-1-methyl-5-oxo-, potassium salt (9CI) (CA INDEX NAME)



L4 ANSWER 58 OF 190 CAPLUS COPYRIGHT 2001 ACS
 AN 1995:766243 CAPLUS
 DN 123:172622
 TI Syntheses with nitriles. Part 96. Color formers based on
 pyrazolomalononitriles - synthesis, properties and structure-color
 relationships
 AU Dworczak, Renate; Fabian, Walter M. F.; Biza, Peter; Weikmann, Martin;
 Junek, Hans
 CS Inst. Organic Chem., Univ. Graz, Graz, 8018, Austria
 SO Dyes Pigm. (1995), 28(4), 297-315
 CODEN: DYPIDX; ISSN: 0143-7208
 DT Journal
 LA English
 AB One-component color formers were obtained from 4-
 (dicyanomethylene)pyrazolone derivs. and anilines or
 tetramethyldihydroquinoline in excellent yields. They were transformed
 into dyes of max. absorption wavelengths 527-628 nm by thermolysis as
 well
 as by photolysis. Different substituents and donor elements (anilines
 and
 quinoline) showed a remarkable and partially unexpected influence on the
 dye properties and they were evaluated using semi-empirical quantum
 chem.
 calcns. (AM1, CNDO/S-CI).
 IT 167869-72-9 167869-73-0 167869-74-1
 167869-78-5 167869-79-6 167869-80-9
 167869-81-0 167869-82-1 167869-83-2
 167869-90-1 167869-91-2 167869-92-3
 167869-93-4 167869-94-5 167869-95-6
 RL: PRP (Properties)
 (model compd.; color formers based on pyrazolomalononitriles)
 RN 167869-72-9 CAPLUS
 CN Benzeneacetonitrile, 4-amino-.alpha.-(3,5-dioxo-4-pyrazolidinylidene)-
 (9CI) (CA INDEX NAME)

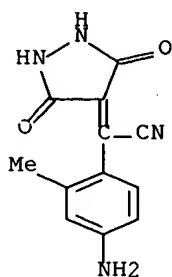


RN 167869-73-0 CAPLUS
 CN Benzeneacetonitrile, 4-amino-.alpha.-(3,5-dioxo-4-pyrazolidinylidene)-2-
 hydroxy- (9CI) (CA INDEX NAME)



RN 167869-74-1 CAPLUS

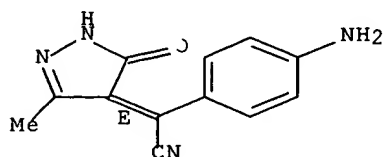
CN Benzeneacetonitrile, 4-amino-.alpha.-(3,5-dioxo-4-pyrazolidinylidene)-2-methyl- (9CI) (CA INDEX NAME)



RN 167869-78-5 CAPLUS

CN Benzeneacetonitrile, 4-amino-.alpha.-(1,5-dihydro-3-methyl-5-oxo-4H-pyrazol-4-ylidene)-, (E)- (9CI) (CA INDEX NAME)

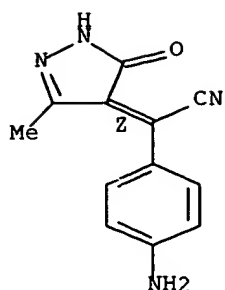
Double bond geometry as shown.



RN 167869-79-6 CAPLUS

CN Benzeneacetonitrile, 4-amino-.alpha.-(1,5-dihydro-3-methyl-5-oxo-4H-pyrazol-4-ylidene)-, (Z)- (9CI) (CA INDEX NAME)

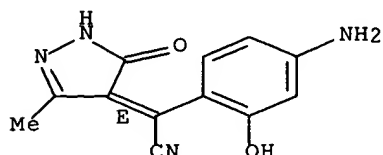
Double bond geometry as shown.



RN 167869-80-9 CAPLUS

CN Benzeneacetonitrile, 4-amino-.alpha.-(1,5-dihydro-3-methyl-5-oxo-4H-pyrazol-4-ylidene)-2-hydroxy-, (E)- (9CI) (CA INDEX NAME)

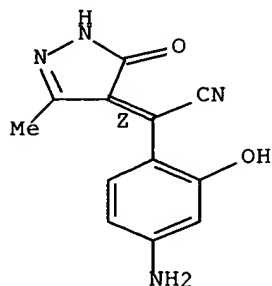
Double bond geometry as shown.



RN 167869-81-0 CAPLUS

CN Benzeneacetonitrile, 4-amino-.alpha.-(1,5-dihydro-3-methyl-5-oxo-4H-pyrazol-4-ylidene)-2-hydroxy-, (Z)- (9CI) (CA INDEX NAME)

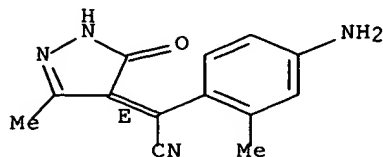
Double bond geometry as shown.



RN 167869-82-1 CAPLUS

CN Benzeneacetonitrile, 4-amino-.alpha.-(1,5-dihydro-3-methyl-5-oxo-4H-pyrazol-4-ylidene)-2-methyl-, (E)- (9CI) (CA INDEX NAME)

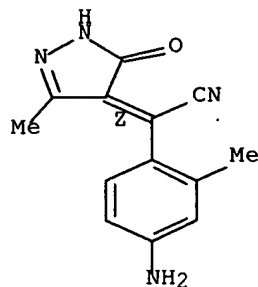
Double bond geometry as shown.



RN 167869-83-2 CAPLUS

CN Benzeneacetonitrile, 4-amino-.alpha.-(1,5-dihydro-3-methyl-5-oxo-4H-pyrazol-4-ylidene)-2-methyl-, (Z)- (9CI) (CA INDEX NAME)

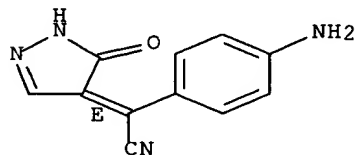
Double bond geometry as shown.



RN 167869-90-1 CAPLUS

CN Benzeneacetonitrile, 4-amino-.alpha.-(1,5-dihydro-5-oxo-4H-pyrazol-4-ylidene)-, (E)- (9CI) (CA INDEX NAME)

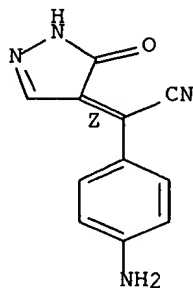
Double bond geometry as shown.



RN 167869-91-2 CAPLUS

CN Benzeneacetonitrile, 4-amino-.alpha.-(1,5-dihydro-5-oxo-4H-pyrazol-4-ylidene)-, (Z)- (9CI) (CA INDEX NAME)

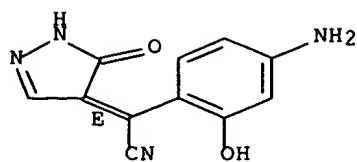
Double bond geometry as shown.



RN 167869-92-3 CAPLUS

CN Benzeneacetonitrile, 4-amino-.alpha.-(1,5-dihydro-5-oxo-4H-pyrazol-4-ylidene)-2-hydroxy-, (E)- (9CI) (CA INDEX NAME)

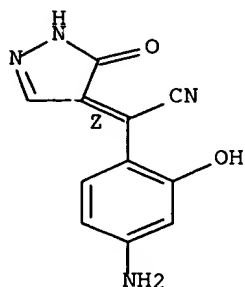
Double bond geometry as shown.



RN 167869-93-4 CAPLUS

CN Benzeneacetonitrile, 4-amino-.alpha.-(1,5-dihydro-5-oxo-4H-pyrazol-4-ylidene)-2-hydroxy-, (Z)- (9CI) (CA INDEX NAME)

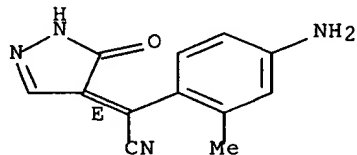
Double bond geometry as shown.



RN 167869-94-5 CAPLUS

CN Benzeneacetonitrile, 4-amino-.alpha.-(1,5-dihydro-5-oxo-4H-pyrazol-4-ylidene)-2-methyl-, (E)- (9CI) (CA INDEX NAME)

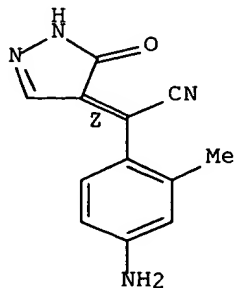
Double bond geometry as shown.



RN 167869-95-6 CAPLUS

CN Benzeneacetonitrile, 4-amino-.alpha.-(1,5-dihydro-5-oxo-4H-pyrazol-4-ylidene)-2-methyl-, (Z)- (9CI) (CA INDEX NAME)

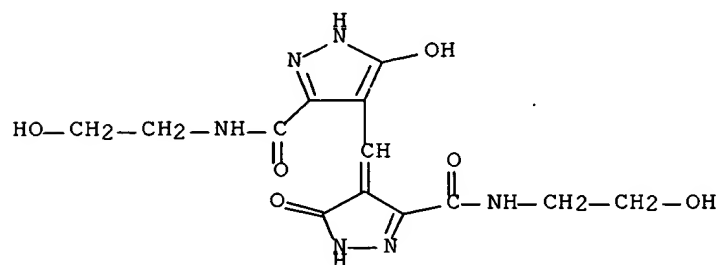
Double bond geometry as shown.



L4 ANSWER 59 OF 190 CAPLUS COPYRIGHT 2001 ACS
 AN 1995:741146 CAPLUS
 DN 123:156328
 TI Silver halide color photographic material and image formation using same
 IN Kawai, Kyoshi
 PA Fuji Photo Film Co Ltd, Japan
 SO Jpn. Kokai Tokkyo Koho, 95 pp.
 CODEN: JKXXAF
 DT Patent
 LA Japanese
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 07152127	A2	19950616	JP 1993-323463	19931130

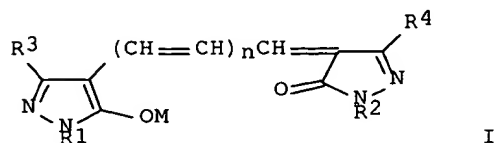
AB The title photog. material contains in its Ag halide emulsion layer a specified yellow coupler and specified water-sol. dye dispersed in a mol. state. The material gives color pictures having superior sharpness, low residual color levels, and allows rapid and low-cost processing.
 IT **166444-22-0**
 RL: DEV (Device component use); USES (Uses)
 (water-sol. dye; sharp color photog. material contg.)
 RN 166444-22-0 CAPLUS
 CN 1H-Pyrazole-3-carboxamide, 4,5-dihydro-N-(2-hydroxyethyl)-4-[[5-hydroxy-3-
 3-
 [[(2-hydroxyethyl)amino]carbonyl]-1H-pyrazol-4-yl]methylene]-5-oxo-,
 monopotassium salt (9CI) (CA INDEX NAME)



● K

L4 ANSWER 60 OF 190 CAPLUS COPYRIGHT 2001 ACS
 AN 1995:726057 CAPLUS
 DN 123:156264
 TI Silver halide photographic material and color image forming process.
 IN Kawai, Kiyoshi; Aoki, Mario
 PA Fuji Photo Film Co., Ltd., Japan
 SO Eur. Pat. Appl., 81 pp.
 CODEN: EPXXDW
 DT Patent
 LA English
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	EP 643328	A1	19950315	EP 1994-114092	19940908
	EP 643328	B1	20010509		
	R: DE, FR, GB, NL				
	JP 07077775	A2	19950320	JP 1993-224627	19930909
	JP 3117589	B2	20001218		
	JP 07082251	A2	19950328	JP 1993-225524	19930910
	US 5580708	A	19961203	US 1994-303734	19940909
PRAI	JP 1993-224627	A	19930909		
	JP 1993-225524	A	19930910		
OS	MARPAT 123:156264				
GI					



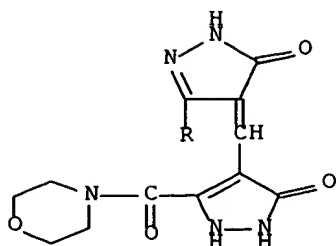
AB A Ag halide photog. material is described, which has on a reflective support .gtoreq.1 light-sensitive layer contg. Ag halide emulsion grains,
 wherein the reflective support has .gtoreq.1 waterproof resin coated layer
 which contains .gtoreq.2 g/m2 of a white pigment in H2O proof resin coated layer at the light-sensitive layer coated side and further .gtoreq.1 light-sensitive layer contains .gtoreq.1 compd. represented by following general formula I [R1 to R4 each = a H atom or a substituent, the sum total of the at. wts. of .gtoreq.1 of (R1 + R4) being .ltoreq.160 : n = 0, 1, or 2; and M = a H atom or an alkali metal] in a mol. dispersion state of a monomol. of a dimer. The material gives no color residue in quick processing.

IT **166656-52-6P 166656-53-7P**
 RL: MOA (Modifier or additive use); SPN (Synthetic preparation); PREP (Preparation); USES (Uses)
 (decoloring dye for photog. emulsion)

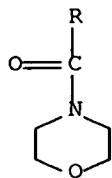
RN 166656-52-6 CAPLUS

CN Morpholine, 4-[[4-[[[1,5-dihydro-3-(4-morpholinylcarbonyl)-5-oxo-4H-pyrazol-4-ylidene]methyl]-2,5-dihydro-5-oxo-1H-pyrazol-3-yl]carbonyl]-, monopotassium salt (9CI) (CA INDEX NAME)

PAGE 1-A



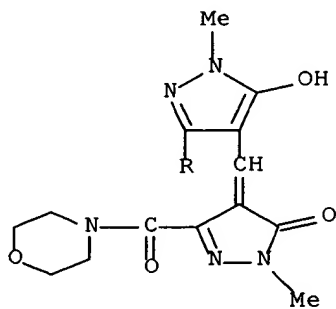
PAGE 2-A



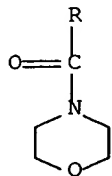
● K

RN 166656-53-7 CAPLUS
CN Morpholine, 4-[[4,5-dihydro-4-[[5-hydroxy-1-methyl-3-(4-morpholinylcarbonyl)-1H-pyrazol-4-yl]methylene]-1-methyl-5-oxo-1H-pyrazol-3-yl]carbonyl]-, monopotassium salt (9CI) (CA INDEX NAME)

PAGE 1-A



PAGE 2-A

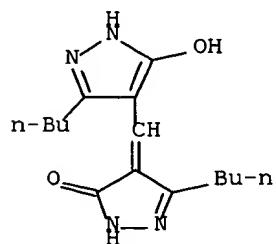


● K

L4 ANSWER 61 OF 190 CAPLUS COPYRIGHT 2001 ACS
 AN 1995:686962 CAPLUS
 DN 123:70241
 TI Formation of high-contrast images with safe photographic developer
 IN Yamamoto, Seiichi; Inoe, Nobuaki; Yasuda, Shoji
 PA Fuji Photo Film Co Ltd, Japan
 SO Jpn. Kokai Tokkyo Koho, 68 pp.
 CODEN: JKXXAF
 DT Patent
 LA Japanese
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 07114152	A2	19950502	JP 1993-282117	19931018

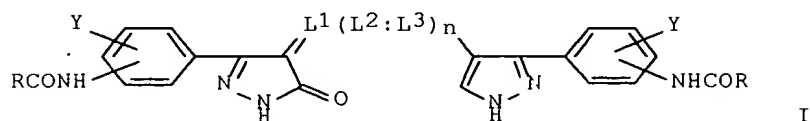
AB The title image formation includes exposing a photog. material that has
 an emulsion layer contg. .gtoreq.90 mol% AgCl and .gtoreq.1x10⁻⁶ mol Rh,
 Ru, Re, Os complex per mol Ag, and a hydrazine compd. in the emulsion layer
 or other hydrophilic colloid layer, and then developing with a developer
 soln. contg. no dihydroxy benzene or its derivs. but ascorbic acid or
 its isomers or derivs.
 IT **148520-58-5**
 RL: DEV (Device component use); USES (Uses)
 (solid dispersing dye contained in photog. material for image
 formation)
 RN 148520-58-5 CAPLUS
 CN 3H-Pyrazol-3-one, 5-butyl-4-[(3-butyl-5-hydroxy-1H-pyrazol-4-
 yl)methylene]-
 2,4-dihydro- (9CI) (CA INDEX NAME)



L4 ANSWER 62 OF 190 CAPLUS COPYRIGHT 2001 ACS
 AN 1995:677719 CAPLUS
 DN 123:183350
 TI Silver halide photographic material containing solid dispersion of oxonol dye
 IN Yabuki, Yoshiharu; Suzuki, Keiichi
 PA Fuji Photo Film Co Ltd, Japan
 SO Jpn. Kokai Tokkyo Koho, 14 pp.
 CODEN: JKXXAF
 DT Patent
 LA Japanese
 FAN.CNT 1

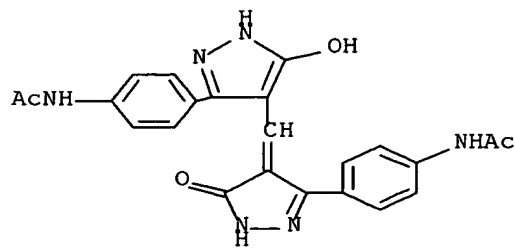
	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 07084339	A2	19950331	JP 1993-228397	19930914
	JP 3074550	B2	20000807		
	US 5441859	A	19950815	US 1994-305451	19940913
PRAI	JP 1993-228397	A	19930914		

GI



AB The material has a supported hydrophilic colloid layer contg. a dispersion of solid particles of the dye I (R = alkyl, aryl, amino, alkoxy, etc.; L1, L2, L3 = methyne; Y = H, alkyl, alkoxy, halo; R and Y may form a ring). Advantages include non-diffusibility throughout manufg. stages and before processing, and easy wash-off property.

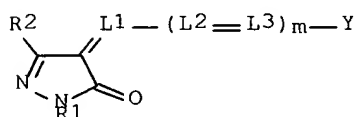
IT **167409-33-8**
 RL: DEV (Device component use); USES (Uses)
 (Ag halide photog. material contg. solid dispersion of oxonol dye)
 RN 167409-33-8 CAPLUS
 CN Acetamide, N-[4-[4-[[3-[4-(acetylamino)phenyl]-1,5-dihydro-5-oxo-4H-pyrazol-4-ylidene]methyl]-5-hydroxy-1H-pyrazol-3-yl]phenyl]- (9CI) (CA INDEX NAME)



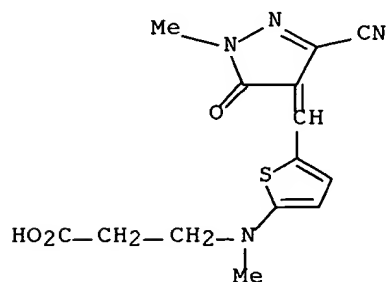
L4 ANSWER 63 OF 190 CAPLUS COPYRIGHT 2001 ACS
 AN 1995:589388 CAPLUS
 DN 123:156259
 TI Silver halide photographic material free of sensitivity reducing and fog
 IN Yamada, Taketoshi; Oonishi, Akira; Usagawa, Yasushi
 PA Konishiroku Photo Ind, Japan
 SO Jpn. Kokai Tokkyo Koho, 50 pp.
 CODEN: JKXXAF
 DT Patent
 LA Japanese
 FAN. CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 06308668	A2	19941104	JP 1993-98095	19930423
	JP 3177799	B2	20010618		

GI



AB The title photog. material has .gtoreq.1 layer contg. a solid fine particle dispersion of compd. I (R1 = phenyl; R2 = H, aryl, heterocyclyl, aryloxy, carbonyl, acylamino, ureido, amino, acyl, alkoxy, aryloxy, hydroxy, carboxy, sulfamoyl, sulfone amido; Y = 5-6-membered S-contg. heterocyclyl; L1-L3 = methine; m = 0,1; at least 1 of carboxy, sulfone amido or sulfamoyl is contained).
 IT **164291-34-3**
 RL: DEV (Device component use); USES (Uses)
 (dye used in photog. film)
 RN 164291-34-3 CAPLUS
 CN .beta.-Alanine, N-[5-[(3-cyano-1,5-dihydro-1-methyl-5-oxo-4H-pyrazol-4-ylidene)methyl]-2-thienyl]-N-methyl- (9CI) (CA INDEX NAME)



L4 ANSWER 64 OF 190 CAPLUS COPYRIGHT 2001 ACS

AN 1995:559800 CAPLUS

DN 122:302902

TI Silver halide photographic material

IN Kato, Kazunobu; Yasuda, Tomokazu

PA Fuji Photo Film Co Ltd, Japan

SO Jpn. Kokai Tokkyo Koho, 47 pp.

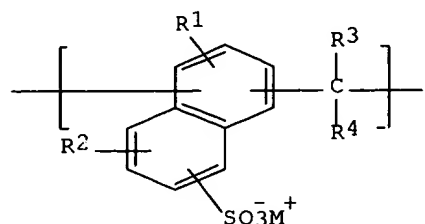
CODEN: JKXXAF

DT Patent

LA Japanese

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 07013300	A2	19950117	JP 1993-342257	19931215
PRAI	JP 1993-99457		19930426		
GI					



I

AB A silver halide photog. material showing improved sharpness, film strength, and safelight stability comprises .gtoreq.1 photosensitive Ag halide emulsion layer and other hydrophilic colloid layers contg. dispersed solid dye particles in the presence of a polymer having the repeating unit I (R1, R2 = H, alkyl, aryl, alkoxy, alkenyl, carbamoyl, carbonamido, sulfonamido, or halogen; R3, R4 = H, alkyl, or aryl; M+ = a cation). The dyed photog. layers can be readily bleached by photog. processing.

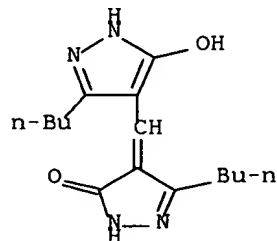
IT 148520-58-5

RL: TEM (Technical or engineered material use); USES (Uses)
(silver halide photog. emulsions contg. naphthalenesulfonate polymers and dispersed particles of)

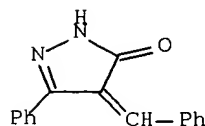
RN 148520-58-5 CAPLUS

CN 3H-Pyrazol-3-one, 5-butyl-4-[(3-butyl-5-hydroxy-1H-pyrazol-4-yl)methylene]-

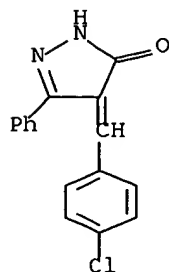
2,4-dihydro- (9CI) (CA INDEX NAME)



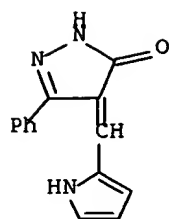
L4 ANSWER 65 OF 190 CAPLUS COPYRIGHT 2001 ACS
 AN 1995:542419 CAPLUS
 DN 123:228052
 TI Activated nitriles in heterocyclic synthesis: synthesis of
 pyrano[2,3-c]pyrazole derivatives
 AU Selim, Maghraby Ali; Abd El Latif, Fawy Mohamed; Khalafallah, Ali Kamel;
 Barsy, Magda Abd El Aziz
 CS Fac. Sci., Assiut Univ., Oena, Egypt
 SO Orient. J. Chem. (1994), 10(3), 199-204
 CODEN: OJCHEG; ISSN: 0970-020X
 DT Journal
 LA English
 AB Several pyranopyrazole derivs. were obtained from the reaction of
 1,1-dicyano- or 1-cyano-1-(ethoxycarbonyl)-2-arylethylenes and
 N-substituted-3-phenyl-5-pyrazolone.
 IT 63554-75-6 168429-62-7 168429-64-9
 168429-65-0 168429-67-2
 RL: RCT (Reactant)
 (synthesis of pyrano[2,3-c]pyrazole derivs. by reactions of activated
 nitriles)
 RN 63554-75-6 CAPLUS
 CN 3H-Pyrazol-3-one, 2,4-dihydro-5-phenyl-4-(phenylmethylene)- (9CI) (CA
 INDEX NAME)



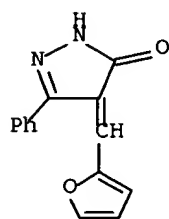
RN 168429-62-7 CAPLUS
 CN 3H-Pyrazol-3-one, 4-[(4-chlorophenyl)methylene]-2,4-dihydro-5-phenyl-
 (9CI) (CA INDEX NAME)



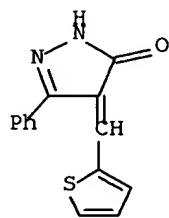
RN 168429-64-9 CAPLUS
 CN 3H-Pyrazol-3-one, 2,4-dihydro-5-phenyl-4-(1H-pyrrol-2-ylmethylene)-
 (9CI)
 (CA INDEX NAME)



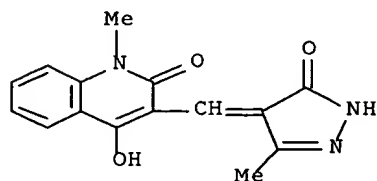
RN 168429-65-0 CAPLUS
 CN 3H-Pyrazol-3-one, 4-(2-furanylmethylene)-2,4-dihydro-5-phenyl- (9CI)
 (CA INDEX NAME)



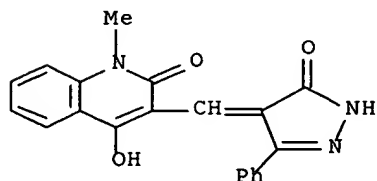
RN 168429-67-2 CAPLUS
 CN 3H-Pyrazol-3-one, 2,4-dihydro-5-phenyl-4-(2-thienylmethylene)- (9CI)
 (CA INDEX NAME)



L4 ANSWER 66 OF 190 CAPLUS COPYRIGHT 2001 ACS
 AN 1995:504912 CAPLUS
 DN 123:9315
 TI Some new quinolones of expected pharmaceutical importance derived from
 1,2-dihydro-4-hydroxy-1-methyl-2-oxoquinoline-3-carbaldehyde
 AU Mohamed, E. A.
 CS Fac. Education, Ain-Shams Univ., Cairo, Egypt
 SO Chem. Pap. (1994), 48(4), 261-7
 CODEN: CHPAEG; ISSN: 0366-6352
 DT Journal
 LA English
 AB The title compd. was condensed with various amine derivs. giving rise to
 new quinolones of expected biol. activity, esp. the condensation
 products
 of thiosemicarbazide and its derivs. For the purpose of inducing and/or
 improving the pharmaceutical importance of the latter products, they
 were
 subjected to cyclization reactions, affording new quinolones substituted
 with heterocyclic rings. The structures of some other new quinolones
 were
 elucidated by prepg. them by two different routes. Condensation of
 1,2-dihydro-4-hydroxy-1-methyl-2-oxoquinoline with active methylene
 compds. was also studied.
 IT **160663-73-0P**
 RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation)
 (prepn. of substituted and condensed quinolones as potential
 pharmaceuticals)
 RN 160663-73-0 CAPLUS
 CN 2(1H)-Quinolinone, 3-[(1,5-dihydro-3-methyl-5-oxo-4H-pyrazol-4-
 ylidene)methyl]-4-hydroxy-1-methyl- (9CI) (CA INDEX NAME)

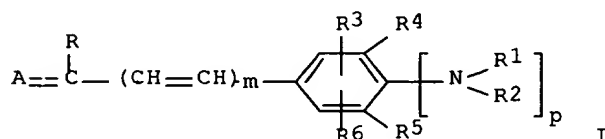


IT **160663-63-8P**
 RL: SPN (Synthetic preparation); PREP (Preparation)
 (prepn. of substituted and condensed quinolones as potential
 pharmaceuticals)
 RN 160663-63-8 CAPLUS
 CN 2(1H)-Quinolinone, 3-[(1,5-dihydro-5-oxo-3-phenyl-4H-pyrazol-4-
 ylidene)methyl]-4-hydroxy-1-methyl- (9CI) (CA INDEX NAME)



L4 ANSWER 67 OF 190 CAPLUS COPYRIGHT 2001 ACS
 AN 1995:501200 CAPLUS
 DN 122:251960
 TI Silver halide photographic material and image formation using same
 IN Suzuki, Keiichi
 PA Fuji Photo Film Co Ltd, Japan
 SO Jpn. Kokai Tokkyo Koho, 44 pp.
 CODEN: JKXXAF
 DT Patent
 LA Japanese
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
	-----	----	-----	-----	-----
PI	JP 06273875	A2	19940930	JP 1993-60507	19930319
GI					



AB In the title photog. material comprising .gtoreq.1 photosensitive Ag halide emulsion layer on one side of a support and a backing layer on the other side, the emulsion layer contains AgCl .gtoreq.80 mol% and has .gtoreq.1 photosensitive layer contg. at least Ag halide emulsions which are yet chem. sensitized, the outermost layer of the backing layer is a hydrophobic polymer layer, and the emulsion layer or the backing layer contains .gtoreq.1 solid dye dispersion. The dye may be represented by

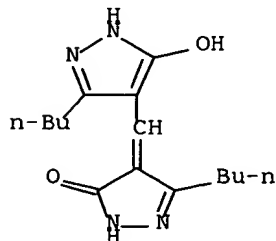
I [A = acid nucleolus; R = H, alkyl; R1,2 = alkyl, aryl, acyl, etc.; R1 and R2 may form 5- or 6-membered ring; R3,6 = H, OH, COOH, alkyl, alkoxy, halo; R4,5 = H; R4,5 may form 5- or 6-membered ring with R1 and R4 or R2 and R5; m, p = 0, 1]. The title image formation uses a developer with pH 9.0-11.0 contg. a sulfite 0.15 mol/L.

IT **148520-58-5**

RL: DEV (Device component use); USES (Uses)
 (silver halide photog. material)

RN 148520-58-5 CAPLUS

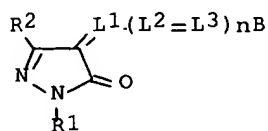
CN 3H-Pyrazol-3-one, 5-butyl-4-[(3-butyl-5-hydroxy-1H-pyrazol-4-yl)methylene]-2,4-dihydro- (9CI) (CA INDEX NAME)



L4 ANSWER 68 OF 190 CAPLUS COPYRIGHT 2001 ACS
 AN 1995:410392 CAPLUS
 DN 122:174150
 TI Silver halide photographic material
 IN Oonishi, Akira; Usagawa, Yasushi; Yamada, Dakeshun
 PA Konishiroku Photo Ind, Japan
 SO Jpn. Kokai Tokkyo Koho, 87 pp.
 CODEN: JKXXAF
 DT Patent
 LA Japanese
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 06175286	A2	19940624	JP 1993-229117	19930914
	JP 3184945	B2	20010709		
	US 5340707	A	19940823	US 1993-120409	19930914
PRAI	JP 1992-246867	A	19920916		

GI



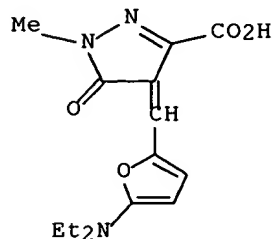
AB The Ag halide photog. material has .gtoreq.1 photog. constituting layer
 contg. solid microparticles of an antihalation compd., I [R1 = H, alkyl,
 aryl, heterocyclyl; R2 = H, alkyl, aryl, heterocyclyl, alkoxy carbonyl,
 aryloxy carbonyl, etc.; B = O-contg. 5- or 6-membered ring, N-contg. 6
 membered ring; L1-3 = methine; n = 0, 1; I contains at least carboxy,
 sulfonamide, or sulfamoyl] on a support. This photog. material
 exhibited no sensitivity decrease, even when photog. constituting layers
 were dyed.

IT 161429-24-9 161485-01-4 161485-02-5
 161485-03-6

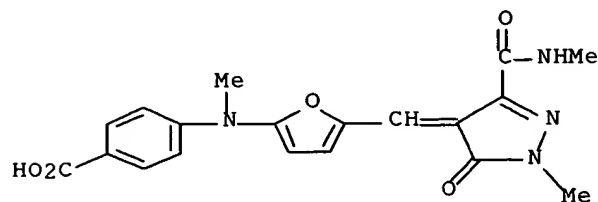
RL: DEV (Device component use); MOA (Modifier or additive use); TEM
 (Technical or engineered material use); USES (Uses)
 (antihalation compd. in silver halide photog. material)

RN 161429-24-9 CAPLUS

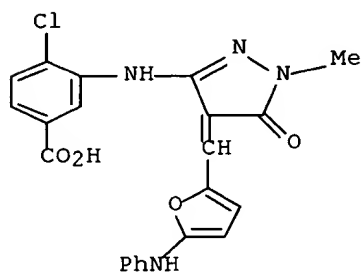
CN 1H-Pyrazole-3-carboxylic acid, 4-[[5-(diethylamino)-2-
 furanyl]methylene]-4,5-dihydro-1-methyl-5-oxo- (9CI) (CA INDEX NAME)



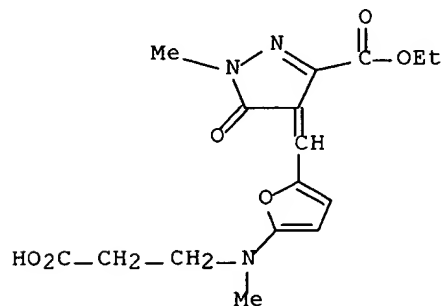
RN 161485-01-4 CAPLUS
 CN Benzoic acid, 4-[[5-[[1,5-dihydro-1-methyl-3-[(methylamino)carbonyl]-5-oxo-4H-pyrazol-4-ylidene)methyl]-2-furanyl)methylamino]- (9CI) (CA INDEX NAME)



RN 161485-02-5 CAPLUS
 CN Benzoic acid, 4-chloro-3-[[[4,5-dihydro-1-methyl-5-oxo-4-[[5-(phenylamino)-2-furanyl)methylene]-1H-pyrazol-3-yl]amino]- (9CI) (CA INDEX NAME)

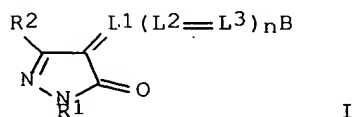


RN 161485-03-6 CAPLUS
 CN 1H-Pyrazole-3-carboxylic acid, 4-[[5-[(2-carboxyethyl)methylamino]-2-furanyl)methylene]-4,5-dihydro-1-methyl-5-oxo-, 3-ethyl ester (9CI) (CA INDEX NAME)



L4 ANSWER 69 OF 190 CAPLUS COPYRIGHT 2001 ACS
 AN 1995:339660 CAPLUS
 DN 122:174257
 TI Silver halide photographic material containing acrylate polymer latex
 and
 solid dye micrograin dispersion for x-ray
 IN Hanyu, Takeshi
 PA Konishiroku Photo Ind, Japan
 SO Jpn. Kokai Tokkyo Koho, 31 pp.
 CODEN: JKXXAF
 DT Patent
 LA Japanese
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
	-----	---	-----	-----	-----
PI	JP 06308670	A2	19941104	JP 1993-119113	19930422
GI					

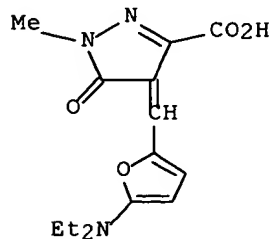


AB The photog. material contains a latex and a solid dye micrograin dispersion essentially in a crossover light-intercepting layer. The solid dye may be I (R1 = alkyl, aryl, heterocycle; R2 = H, alkyl, aryl, heterocyclic, alkoxy carbonyl, aryloxy carbonyl, carbamoyl, acylamino, ureido, amino, acyl, alkoxy, aryloxy, hydroxy, carboxy, cyano, sulfamoyl, sulfonamide; B = 5- or 6-membered O-contg. heterocycle, 6-membered N-contg. heterocycle; n = 0, 1). The Ag halide emulsion layer may contain tabular grains with aspect ratio ≥ 3 . The material may contain a safe light-intercepting layer. The material shows sensitivity and low fog.

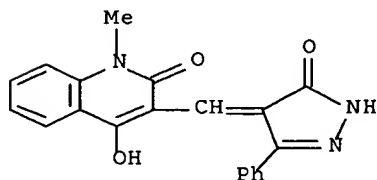
IT **161429-24-9**
 RL: DEV (Device component use); USES (Uses)
 (Ag halide photog. material contg. latex and solid dye dispersion for x-ray)

RN 161429-24-9 CAPLUS

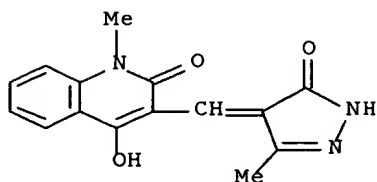
CN 1H-Pyrazole-3-carboxylic acid, 4-[[5-(diethylamino)-2-furanyl]methylene]-4,5-dihydro-1-methyl-5-oxo- (9CI) (CA INDEX NAME)



L4 ANSWER 70 OF 190 CAPLUS COPYRIGHT 2001 ACS
 AN 1995:269681 CAPLUS
 DN 122:105831
 TI Some new quinolones of expected pharmaceutical importance derived from
 3-formyl-4-hydroxy-1-methyl-2(1H)quinolone
 AU Mohamed, El-Hossain Ali
 CS Dep. Chem., Ain-Shams Univ., Cairo, Egypt
 SO J. Serb. Chem. Soc. (1994), 59(10), 705-14
 CODEN: JSCSEN; ISSN: 0352-5139
 DT Journal
 LA English
 AB Condensation of the title compd. with various amino derivs. gave rise to
 new quinolones of expected biol. activity. With the purpose of inducing
 and/or improving the pharmaceutical importance of the latter products,
 they were subjected to certain cyclization reaction, affording new
 quinolones substituted with heterocyclic rings. The condensation of
 4-hydroxy-1-methyl-2(1H)-quinolinone with certain compds. having active
 methylene groups was also studied.
 IT **160663-63-8P 160663-73-0P**
 RL: SPN (Synthetic preparation); PREP (Preparation)
 (prepn. of)
 RN 160663-63-8 CAPLUS
 CN 2(1H)-Quinolinone, 3-[(1,5-dihydro-5-oxo-3-phenyl-4H-pyrazol-4-
 ylidene)methyl]-4-hydroxy-1-methyl- (9CI) (CA INDEX NAME)



RN 160663-73-0 CAPLUS
 CN 2(1H)-Quinolinone, 3-[(1,5-dihydro-3-methyl-5-oxo-4H-pyrazol-4-
 ylidene)methyl]-4-hydroxy-1-methyl- (9CI) (CA INDEX NAME)



L4 ANSWER 71 OF 190 CAPLUS COPYRIGHT 2001 ACS

AN 1995:256118 CAPLUS

DN 122:327050

TI The use of maximum entropy and likelihood ranking to determine the crystal

structure of 4-(4'-(N,N-dimethyl)aminobenzylidene)pyrazolidine-3,5-dione at 1.4 .ANG. resolution from electron diffraction and high-resolution electron microscopy image data

AU Voigt-Martin, I. G.; Yan, D. H.; Gilmore, C. J.; Shankland, K.; Bricogne, G.

CS Institut fuer Physikalische Chemie der Universitaet Mainz, Jakob Welder Weg 11, Mainz, D-55099, Germany

SO Ultramicroscopy (1994), 56(4), 271-88
CODEN: ULTRD6; ISSN: 0304-3991

DT Journal

LA English

AB The potential maps obtained by applying the method of combined entropy maximization and likelihood ranking to electron diffraction data are compared with the results obtained from high-resoln. electron microscopy and mol. modeling for the nonlinear optical material 4-(4'-(N,N-dimethyl)aminobenzylidene)-pyrazolidine-3,5-dione, C12H13N3O2. An excellent agreement was obtained. This reinforces claims that the max. entropy (ME) method is a reliable means of structure detn. from electron diffraction data, and hence of ascertaining the suitability of org.

mols.

for 2nd harmonic generation (SHG).

IT **87161-14-6**

RL: PRP (Properties)

(use of max. entropy and likelihood ranking to det. crystal structure 1072431 at 1.4 .ANG. resoln. from electron diffraction and high-

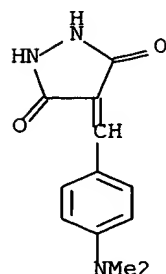
resoln.

electron microscopy image data of)

RN 87161-14-6 CAPLUS

CN 3,5-Pyrazolidinedione, 4-[[4-(dimethylamino)phenyl]methylene]- (9CI)
(CA

INDEX NAME)

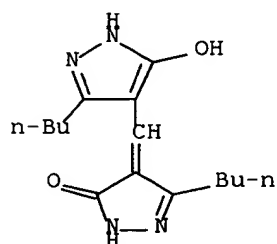


L4 ANSWER 72 OF 190 CAPLUS COPYRIGHT 2001 ACS
 AN 1995:248313 CAPLUS
 DN 122:20332
 TI Silver halide photographic material and its processing
 IN Inoe, Nobuaki; Yamamoto, Seiichi; Goto, Takahiro
 PA Fuji Photo Film Co Ltd, Japan
 SO Jpn. Kokai Tokkyo Koho, 20 pp.
 CODEN: JKXXAF
 DT Patent
 LA Japanese
 FAN.CNT 1

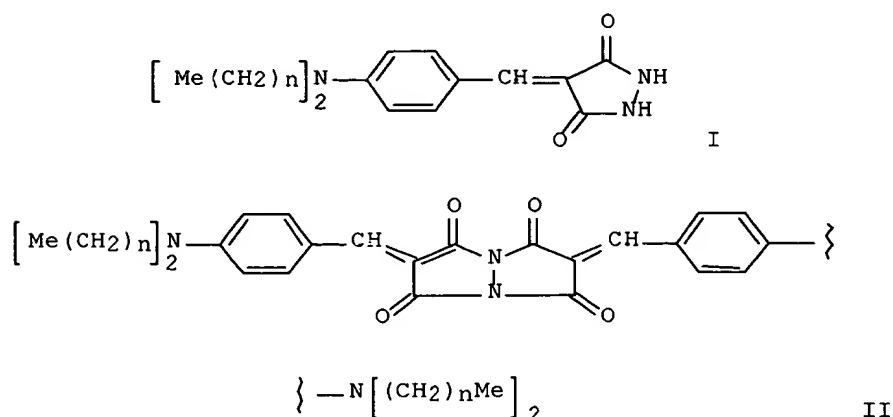
	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
	-----	----	-----	-----	-----
PI	JP 06130554	A2	19940513	JP 1992-284562	19921022
	JP 2890283	B2	19990510		
	US 5366845	A	19941122	US 1993-139847	19931022
PRAI	JP 1992-284562		19921022		

AB In the title photog. material comprising .gtoreq.1 Ag halide emulsion layers on its support, the emulsion comprises Ag halide grains having a particle size of .ltoreq.0.2 .mu.m and a AgCl content of .gtoreq.90 mol%,
 a layer contg. a dispersed crystallite dye of particle size 10 - 80 mg/m²
 is provided between the emulsion layer and the support, and the back layer
 has an absorbance of 0.3 - 0.90 at 340 - 380 nm. The above photog. material is processed from 30 - 60 s.

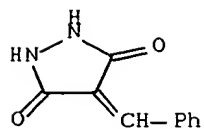
IT **148520-58-5**
 RL: DEV (Device component use); MOA (Modifier or additive use); USES (Uses)
 (photog. antihalation layer contg.)
 RN 148520-58-5 CAPLUS
 CN 3H-Pyrazol-3-one, 5-butyl-4-[(3-butyl-5-hydroxy-1H-pyrazol-4-yl)methylene]-
 2,4-dihydro- (9CI) (CA INDEX NAME)



I4 ANSWER 73 OF 190 CAPLUS COPYRIGHT 2001 ACS
 AN 1995:196005 CAPLUS
 DN 122:160535
 TI Relationship between microscopic and macroscopic structures of organic thin films for SHG
 AU Voigt-Martin, I. G.; Zhou, E.; Simon, P.; Garbella, R. W.; Yan, D.; Paulus, W.; Ringsdorf, H.
 CS Institut Organische Chemie, der Universitat Mainz, Mainz, D-55099, Germany
 SO Adv. Mater. Opt. Electron. (1993), 2(5), 245-68
 CODEN: AMELE7; ISSN: 1057-9257
 DT Journal
 LA English
 GI

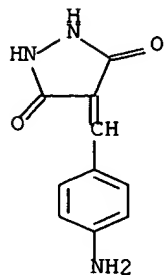


AB The expts. described in this paper were undertaken in order to obtain information about the relationship between the structure and nonlinear optical properties (second-harmonic generation) of org. thin films. For this purpose, two closely related dyes, diones (I, $n = 0, 15$) and tetrones (II, $n = 0, 15, 17$), were compared, both of which are shown to have large hyperpolarizabilities. Their microscopic properties are investigated by conformational anal. and electron diffraction. It could be shown that detailed knowledge about the structure and the adjacent neighbor packing can be obtained from conformational anal. and electron diffraction in order to understand the nonlinear optical properties of the two dyes.
 IT 161226-01-3 161226-02-4 161226-03-5
 161226-04-6
 RL: PRP (Properties)
 (relationship between the structure and nonlinear optical properties of diones or tetrones in thin films)
 RN 161226-01-3 CAPLUS
 CN 3,5-Pyrazolidinedione, 4-(phenylmethylene)- (9CI) (CA INDEX NAME)



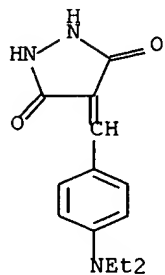
RN 161226-02-4 CAPLUS

CN 3,5-Pyrazolidinedione, 4-[(4-aminophenyl)methylene]- (9CI) (CA INDEX NAME)



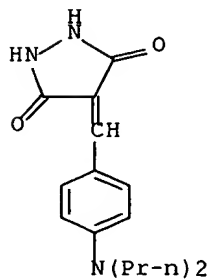
RN 161226-03-5 CAPLUS

CN 3,5-Pyrazolidinedione, 4-[[4-(diethylamino)phenyl]methylene]- (9CI) (CA INDEX NAME)



RN 161226-04-6 CAPLUS

CN 3,5-Pyrazolidinedione, 4-[[4-(dipropylamino)phenyl]methylene]- (9CI)
(CA INDEX NAME)



IT 87161-14-6P 151860-13-8P

RL: PRP (Properties); SPN (Synthetic preparation); PREP (Preparation)
(relationship between the structure and nonlinear optical properties

of

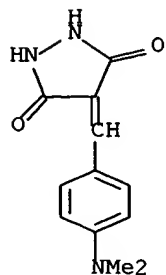
diones or tetrones in thin films)

RN 87161-14-6 CAPLUS

CN 3,5-Pyrazolidinedione, 4-[[4-(dimethylamino)phenyl]methylene]- (9CI)

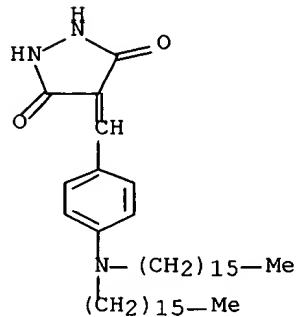
(CA

INDEX NAME)



RN 151860-13-8 CAPLUS

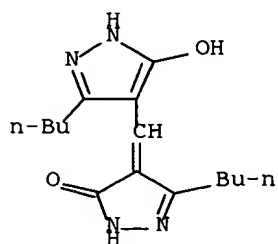
CN 3,5-Pyrazolidinedione, 4-[[4-(dihexadecylamino)phenyl]methylene]- (9CI)
(CA INDEX NAME)



L4 ANSWER 74 OF 190 CAPLUS COPYRIGHT 2001 ACS
 AN 1995:169570 CAPLUS
 DN 122:20371
 TI Direct-positive silver halide photographic material
 IN Kuno, Koichi; Inoe, Nobuaki
 PA Fuji Photo Film Co Ltd, Japan
 SO Jpn. Kokai Tokkyo Koho, 31 pp.
 CODEN: JKXXAF
 DT Patent
 LA Japanese
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 06208189	A2	19940726	JP 1993-19226	19930112

AB The material comprises .gtoreq.1 nonphotosensitive hydrophilic colloidal layer in which dye fine crystals are solid dispersed, and .gtoreq.1 prefogged photosensitive Ag halide emulsion layer successively on a support. The material shows good room-light property, tone variable, and good tone reproducibility.
 IT **148520-58-5**
 RL: MOA (Modifier or additive use); USES (Uses)
 (direct-pos. photog. film with dye-dispersed nonphotosensitive colloidal layer)
 RN 148520-58-5 CAPLUS
 CN 3H-Pyrazol-3-one, 5-butyl-4-[(3-butyl-5-hydroxy-1H-pyrazol-4-yl)methylene]-
 2,4-dihydro- (9CI) (CA INDEX NAME)



L4 ANSWER 75 OF 190 CAPLUS COPYRIGHT 2001 ACS
 AN 1995:169523 CAPLUS
 DN 122:42639
 TI Silver halide photographic material containing hydrazine to enhance contrast
 IN Kato, Kazunobu
 PA Fuji Photo Film Co Ltd, Japan
 SO Jpn. Kokai Tokkyo Koho, 35 pp.
 CODEN: JKXXAF
 DT Patent
 LA Japanese
 FAN.CNT 1

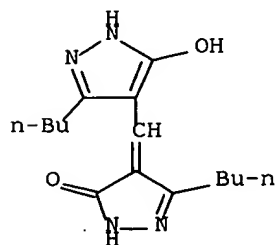
	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 06202261	A2	19940722	JP 1993-3608	19930112
	JP 3079400	B2	20000821		
	US 5422224	A	19950606	US 1993-152688	19931116
PRAI	JP 1992-305363	A1	19921116		
	JP 1993-3608	A	19930112		

AB The photog. material with .gtoreq.1 layer of primitive emulsion of substantially AgCl (.gtoreq.80 mol% of total Ag halide) contains, in the emulsion or colloid layers, a hydrazine deriv. R1NA1NA2GR2 [A1, A2 = H, (substituted) acyl, sulfinate residue; R1 = aliph., arom., heterocyclic;

G = CO, SO2, SO, COCO, thiocarbonyl, iminomethylene, P(O)R4; R2 = (substituted) alkyl, aryl, heterocyclic, amino, alkoxy, aryloxy; .gtoreq.1 of R1 and R2 is adsorption-promoting group; R4 = H, aliph., arom., alkoxy, aryloxy, amino] and is developed by a soln. contg. .gtoreq.0.15 mol/L sulfite with pH 9.0-11.0. The photog. material may contain solid dispersion dye. The photog. material has an enhanced contrast (.gtoreq.10) even by a low-pH developer.

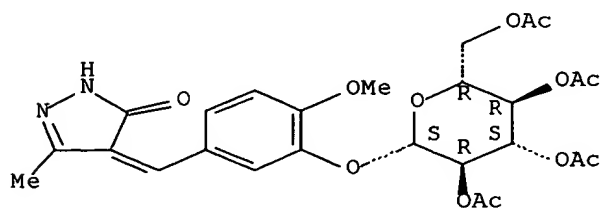
IT **148520-58-5**
 RL: TEM (Technical or engineered material use); USES (Uses)
 (solid dispersion dye; hydrazine-contg. high-contrast Ag halide photog. material)

RN 148520-58-5 CAPLUS
 CN 3H-Pyrazol-3-one, 5-butyl-4-[(3-butyl-5-hydroxy-1H-pyrazol-4-yl)methylene]-
 2,4-dihydro- (9CI) (CA INDEX NAME)



L4 ANSWER 76 OF 190 CAPLUS COPYRIGHT 2001 ACS
 AN 1994:645502 CAPLUS
 DN 121:245502
 TI Anti-inflammatory properties of 3-methylpyrazolin-5-(4
 H)-one-4-[3'-methoxy-4' (2'',3'',4'',6''-tetra-O-acetyl-.beta.-D-
 glycopyranosyl)benzylidene (compound IIIA)
 AU Bani, Sarang; Singh, Surjeet; Kaul, A.; Singh, G. B.
 CS Pharmacologh Dep., Regional Res. Lab., Jammu Tawi, 180 001, India
 SO Indian J. Exp. Biol. (1994), 32(8), 544-7
 CODEN: IJEBA6; ISSN: 0019-5189
 DT Journal
 LA English
 AB Oral treatment of compd. IIIA exhibited dose-related inhibitory action
 in
 acute tests of carrageenan-, histamine- and dextran-induced edema in
 rats.
 Marked inhibitory action of the compd. was found when it was
 administered
 i.p. in animals. It displayed prominent anti-arthritis activity in
 chronic tests of adjuvant and formaldehyde-induced arthritis in rats.
 It
 prevented the arthritis-assocd. rise in total leukocyte count and
 erythrocyte sedimentation rate. It also lowered the levels of exudate
 vol. and migration of leukocytes in carrageenan-induced pleurisy in
 rats.
 It did not exhibit any analgesic, antipyretic or ulcerogenic effect. No
 mortality was recorded up to 2 g/kg in mice on oral or i.p. treatment
 over
 a period of 72 h.
 IT **121358-49-4**
 RL: BAC (Biological activity or effector, except adverse); THU
 (Therapeutic use); BIOL (Biological study); USES (Uses)
 (antiinflammatory and antiarthritic activity of methylpyrazolinone
 glucopyranosylbenzylidine deriv.)
 RN 121358-49-4 CAPLUS
 CN 3H-Pyrazol-3-one, 2,4-dihydro-4-[[4-methoxy-3-[(2,3,4,6-tetra-O-acetyl-
 .beta.-D-glucopyranosyl)oxy]phenyl)methylene]-5-methyl- (9CI) (CA INDEX
 NAME)

Absolute stereochemistry.
 Double bond geometry unknown.



L4 ANSWER 77 OF 190 CAPLUS COPYRIGHT 2001 ACS
 AN 1994:641612 CAPLUS
 DN 121:241612
 TI silver halide photographic material and its processing method
 IN Ishigaki, Kunio
 PA Fuji Photo Film Co Ltd, Japan
 SO Jpn. Kokai Tokkyo Koho, 18 pp.
 CODEN: JKXXAF

DT Patent
 LA Japanese

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 06027590	A2	19940204	JP 1992-179961	19920707
AB	In the title photog. material comprising .gtoreq.1 Ag halide emulsion layers on its support, a dye dispersed in the form of solids and an acetate are contained in .gtoreq.1 of the emulsion layers and				

hydrophilic
 colloid layers. The above photog. material is processed in an automated film processing unit at a line speed of .gtoreq.1,500 mm/min in a total processing time 15-60 s. This material shows good scratch resistance during its processing.

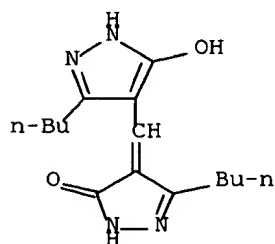
IT **148520-58-5**

RL: MOA (Modifier or additive use); TEM (Technical or engineered material

use); USES (Uses)
 (dye, photog. material contg.)

RN 148520-58-5 CAPLUS

CN 3H-Pyrazol-3-one, 5-butyl-4-[(3-butyl-5-hydroxy-1H-pyrazol-4-yl)methylene]-
 2,4-dihydro- (9CI) (CA INDEX NAME)

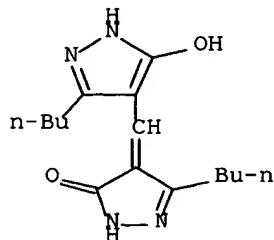


L4 ANSWER 78 OF 190 CAPLUS COPYRIGHT 2001 ACS
 AN 1994:591166 CAPLUS
 DN 121:191166
 TI Silver halide photographic material with good safelight properties
 IN Goto, Takahiro; Inoe, Nobuaki
 PA Fuji Photo Film Co Ltd, Japan
 SO Jpn. Kokai Tokkyo Koho, 29 pp.
 CODEN: JKXXAF

DT Patent
 LA Japanese

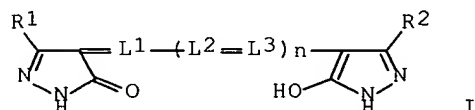
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 06118542	A2	19940428	JP 1992-265962	19921005
AB	<p>In the material comprising a support coated with .gtoreq.1 Ag halide emulsion layer and .gtoreq.1 non-photosensitive hydrophilic colloidal layer at the outer side of the emulsion layer, .gtoreq.1 of the nonphotosensitive layer contains solid-dispersed dye fine particles and org. polymer matt agent, which is prepd. by suspension polymn. and has .gtoreq.1 peak at .ltoreq.1 .mu.m and .gtoreq.1 peak at .gtoreq.1.5 .mu.m</p> <p>in particle size distribution, with coating amt. .ltoreq.80 mg/m2. The material shows good safelight properties and gives high d. images.</p>				
IT	<p>148520-58-5 RL: USES (Uses) (dye, photog. film protective layer contg.)</p>				
RN	148520-58-5 CAPLUS				
CN	3H-Pyrazol-3-one, 5-butyl-4-[(3-butyl-5-hydroxy-1H-pyrazol-4-yl)methylene]-2,4-dihydro- (9CI) (CA INDEX NAME)				



L4 ANSWER 79 OF 190 CAPLUS COPYRIGHT 2001 ACS
 AN 1994:545202 CAPLUS
 DN 121:145202
 TI Silver halide photographic material
 IN Wariishi, Koji
 PA Fuji Photo Film Co., Ltd., Japan
 SO Eur. Pat. Appl., 21 pp.
 CODEN: EPXXDW
 DT Patent
 LA English
 FAN.CNT 1

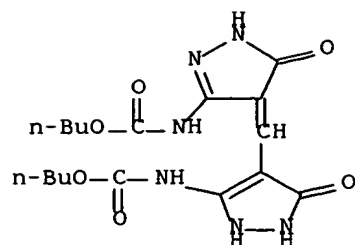
	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	EP 589458	A1	19940330	EP 1993-115371	19930923
	EP 589458	B1	20000329		
	R: DE, FR, GB				
	JP 06110155	A2	19940422	JP 1992-256630	19920925
	JP 2745363	B2	19980428		
	US 5342744	A	19940830	US 1993-124586	19930922
PRAI	JP 1992-256630		19920925		
OS	MARPAT 121:145202				
GI					



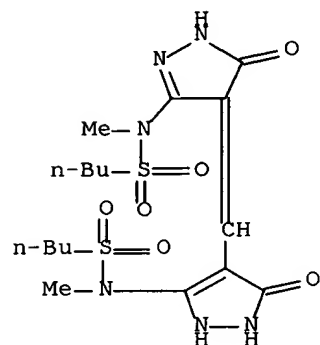
AB A photog. material including a hydrophilic colloid layer contains a dispersion of a dye I [n = 0-2; when n = 0 or 1 R1, R2 = H, halogen, NR3CO2R4, NR5SO2R4, NR3CSNR3R6 where R3 and R6 = H, alkyl, aryl, heretocyclyl; R4 and R5 = alkyl, aryl, heretocyclyl; R3-R4, R4-R5, R3-R6 may form ring; when n = 2 R1 and R2 = NR7CO2R8, NR9SO2R8, NR7CXNR7R10, SOR8, SO2R8, SR8; where R7 and R10 = R3; R8, R9 = R4; R7-R8, R8-R9, R7-R10 may form a ring; X = O, S; L1-L3 = methine group; R1, R2, L1-L3 do not include a group having a proton capable of being ionized]. The dye colors a specific layer in the photog. material without diffusing to other layers during storage, yet is quickly decolored or eluted during development processing.

IT **157221-80-2P 157221-81-3P**
 RL: SPN (Synthetic preparation); PREP (Preparation)
 (prepn. and use of, in photog. material)

RN 157221-80-2 CAPLUS
 CN Carbamic acid, [4-[[3-[(butoxycarbonyl)amino]-1,5-dihydro-5-oxo-4H-pyrazol-4-ylidene]methyl]-2,5-dihydro-5-oxo-1H-pyrazol-3-yl]-, butyl ester (9CI)
 (CA INDEX NAME)



RN 157221-81-3 CAPLUS
 CN 1-Butanesulfonamide, N-[4-[[3-[(butylsulfonyl)methylamino]-1,5-dihydro-
 5-oxo-4H-pyrazol-4-ylidene]methyl]-2,5-dihydro-5-oxo-1H-pyrazol-3-yl]-N-
 methyl- (9CI) (CA INDEX NAME)



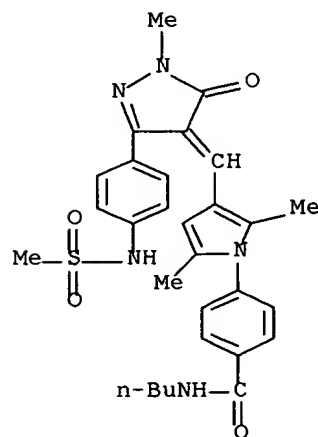
L4 ANSWER 80 OF 190 CAPLUS COPYRIGHT 2001 ACS
 AN 1994:495789 CAPLUS
 DN 121:95789
 TI Silver halide full color photographic material
 IN Fukuzawa, Yutaka; Yamada, Kozaburo; Obayashi, Keiji; Tamoto, Koji;
 Shibayama, Shigeru; Sato, Minoru; Nakajo, Kyoshi
 PA Fuji Photo Film Co Ltd, Japan
 SO Jpn. Kokai Tokkyo Koho, 202 pp.
 CODEN: JKXXAF
 DT Patent
 LA Japanese
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 05134368	A2	19930528	JP 1992-125388	19920420
	US 5328818	A	19940712	US 1992-945933	19920917
PRAI	JP 1991-265534		19910918		
	JP 1992-125388		19920420		

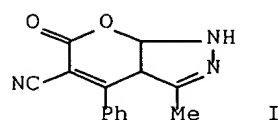
GI For diagram(s), see printed CA Issue.
 AB The title full color photog. material contains a dye XYC:L1(L2:L3)nAr
 (X,Y = electron attractive group; X and Y may joint to form an acid nucleus;
 Aryl = Ph, heterocyclyl; L1-3 = methine; n = 0-2), and it also contains
 .gtoreq.1 yellow coupler(s) selected from X1X2NCOCH(Z)CONHY and
 X3NCOCH(Z)CONHY (Y = aryl, heterocyclyl; X1, X2 = alkyl, Y; X3 =
 residual group for forming heterocycle with N; Z = group releasable on
 reacting with an oxidized developer) and(or) .gtoreq.1 acylacetamide type
 yellow coupler having acyl group I (D1 = monovalent group; Q = atoms to form
 3-5-membered hydrocarbon ring or heterocycle contg. .gtoreq.1 of N, S,
 O, P; D1 can not be H and joint with Q to form ring) in its photosensitive Ag
 halide emulsion layer or non-photosensitive layer. The photog. material
 shows superior shelf-life, color reproducibility, and image fastness.

IT **154042-00-9**
 RL: USES (Uses)
 (dye, for photog. material)

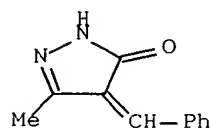
RN 154042-00-9 CAPLUS
 CN Benzamide, N-butyl-4-[3-[[1,5-dihydro-1-methyl-3-[4-
 [(methylsulfonyl)amino]phenyl]-5-oxo-4H-pyrazol-4-ylidene]methyl]-2,5-
 dimethyl-1H-pyrrol-1-yl]- (9CI) (CA INDEX NAME)



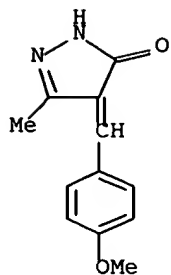
L4 ANSWER 81 OF 190 CAPLUS COPYRIGHT 2001 ACS
 AN 1994:483091 CAPLUS
 DN 121:83091
 TI Cyanoacetic acid hydrazide in heterocyclic synthesis: a new route for
 the
 synthesis of several annelated pyran derivatives
 AU Eldin, Sanaa M.; El-Din, Asmaa A. Magd; Basyouni, Wahid M.
 CS Natl. Res. Cent., Dokki, Egypt
 SO Arch. Pharmacol Res. (1993), 16(4), 318-21
 CODEN: APHRDQ; ISSN: 0253-6269
 DT Journal
 LA English
 OS CASREACT 121:83091
 GI



AB Cyanoacetic acid hydrazide reacted with some 2-pyrazolin-5-ones,
 isoxazol-5-ones, and 2-thiazolin-4-ones and their ylidene derivs. to
 yield
 several new annelated pyran heterocycles, e.g. I. Structures were
 established on the basis of elementary analyses and spectral data
 studies
 in addn. to synthesis via other routes.
 IT **68761-49-9 76074-80-1 156413-71-7**
156413-72-8
 RL: RCT (Reactant)
 (reaction of, with cyanoacetic acid hydrazide)
 RN 68761-49-9 CAPLUS
 CN 3H-Pyrazol-3-one, 2,4-dihydro-5-methyl-4-(phenylmethylene)- (9CI) (CA
 INDEX NAME)

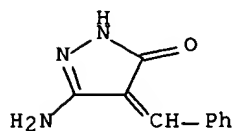


RN 76074-80-1 CAPLUS
 CN 3H-Pyrazol-3-one, 2,4-dihydro-4-[(4-methoxyphenyl)methylene]-5-methyl-
 (9CI) (CA INDEX NAME)



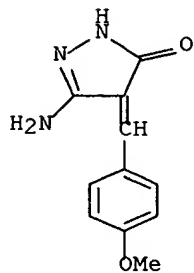
RN 156413-71-7 CAPLUS

CN 3H-Pyrazol-3-one, 5-amino-2,4-dihydro-4-(phenylmethylene)- (9CI) (CA INDEX NAME)



RN 156413-72-8 CAPLUS

CN 3H-Pyrazol-3-one, 5-amino-2,4-dihydro-4-[(4-methoxyphenyl)methylene]- (9CI) (CA INDEX NAME)



L4 ANSWER 82 OF 190 CAPLUS COPYRIGHT 2001 ACS
 AN 1994:469402 CAPLUS
 DN 121:69402
 TI Direct positive silver halide photographic light-sensitive material
 IN Inoue, Nobuaki; Goto, Takahiro
 PA Fuji Photo Film Co., Ltd., Japan
 SO U.S., 21 pp.
 CODEN: USXXAM

DT Patent
 LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 5298381	A	19940329	US 1992-846069	19920305
	JP 06118544	A2	19940428	JP 1991-96072	19910403
PRAI	JP 1991-63701		19910306		
	JP 1991-96072		19910403		

OS MARPAT 121:69402

AB The light-sensitive material comprises a support having thereon
 .gtoreq.1

pre-fogged light-sensitive Ag halide emulsion layer and .gtoreq.1
 light-insensitive hydrophilic colloid layer provided farther from the
 support than the light-sensitive Ag halide emulsion layer. The
 light-insensitive hydrophilic colloid layer contains a dye dispersed
 therein as microcryst. particles. The photog. material has improved
 safe-light stability and is capable of providing an image having
 excellent

photog. properties.

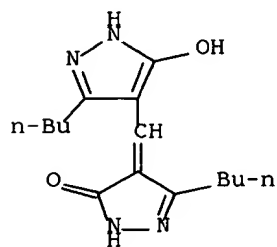
IT **148520-58-5**

RL: USES (Uses)

(photog. film with protective layer contg., for improved safe-light
 stability)

RN 148520-58-5 CAPLUS

CN 3H-Pyrazol-3-one, 5-butyl-4-[(3-butyl-5-hydroxy-1H-pyrazol-4-
 yl)methylene]-
 2,4-dihydro- (9CI) (CA INDEX NAME)



L4 ANSWER 83 OF 190 CAPLUS COPYRIGHT 2001 ACS
 AN 1994:469393 CAPLUS
 DN 121:69393
 TI Silver halide photographic materials
 IN Yasuda, Shoji; Kuwabara, Kenichi
 PA Fuji Photo Film Co Ltd, Japan
 SO Jpn. Kokai Tokkyo Koho, 49 pp.
 CODEN: JKXXAF
 DT Patent
 LA Japanese
 FAN.CNT 1

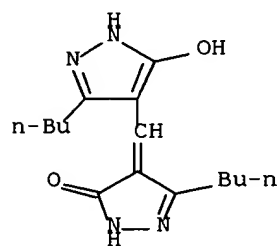
	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 05281651	A2	19931029	JP 1992-108421	19920402
AB	In the Ag halide photog. material comprising .gtoreq.1 Ag halide emulsion				

layer on a support, the Ag halide emulsion layer or other hydrophilic colloidal layers contain(s) .gtoreq.1 org. desensitizing agent, and a layer over said hydrophilic colloidal layer contains .gtoreq.1 dye microparticle dispersion. Preferably, the Ag halide emulsion layer or other hydrophilic colloidal layers contain(s) .gtoreq.1 hydrazine deriv. or .gtoreq.1 tetrazolium compd. This photog. material is used for photog. printing process, and can be handled in a lighted room.

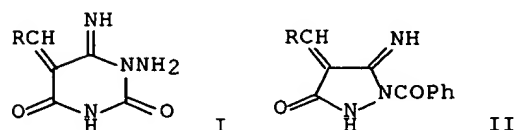
IT **148520-58-5**
 RL: TEM (Technical or engineered material use); USES (Uses)
 (silver halide photog. material contg.)

RN 148520-58-5 CAPLUS

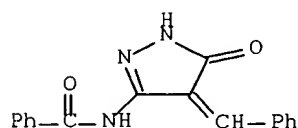
CN 3H-Pyrazol-3-one, 5-butyl-4-[(3-butyl-5-hydroxy-1H-pyrazol-4-yl)methylene]-
 2,4-dihydro- (9CI) (CA INDEX NAME)



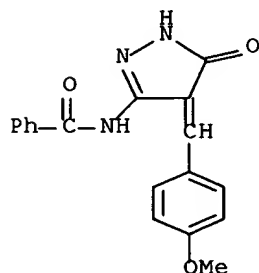
L4 ANSWER 84 OF 190 CAPLUS COPYRIGHT 2001 ACS
 AN 1994:323469 CAPLUS
 DN 120:323469
 TI Reaction of ethyl arylidenecyanoacetates with hydrazine derivatives
 AU Ibrahim, Laila I.
 CS Natl. Org. Drug Control Res., Cairo, Egypt
 SO J. Chem. Soc. Pak. (1993), 15(4), 254-6
 CODEN: JCSPDF; ISSN: 0253-5106
 DT Journal
 LA English
 OS CASREACT 120:323469
 GI



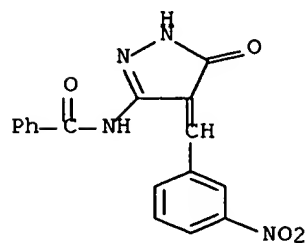
AB New polysubstituted pyrimidines I (R = Ph, p-anisyl, m-O₂NC₆H₄) and
 pyrazoles II (same R) were synthesized via reaction of
 arylidenecyanoacetates RCH:C(CN)CO₂Et with different hydrazine derivs.
 IT **155053-61-5P 155053-62-6P 155053-63-7P**
 RL: SPN (Synthetic preparation); PREP (Preparation)
 (prepn. of)
 RN 155053-61-5 CAPLUS
 CN Benzamide, N-[4,5-dihydro-5-oxo-4-(phenylmethylene)-1H-pyrazol-3-yl]-
 (9CI) (CA INDEX NAME)



RN 155053-62-6 CAPLUS
 CN Benzamide, N-[4,5-dihydro-4-[(4-methoxyphenyl)methylene]-5-oxo-1H-
 pyrazol-
 3-yl]- (9CI) (CA INDEX NAME)



RN 155053-63-7 CAPLUS
CN Benzamide, N-[4,5-dihydro-4-[(3-nitrophenyl)methylene]-5-oxo-1H-pyrazol-
3-yl]- (9CI) (CA INDEX NAME)



L4 ANSWER 85 OF 190 CAPLUS COPYRIGHT 2001 ACS

AN 1994:311308 CAPLUS

DN 120:311308

TI Silver halide photographic material

IN Ohno, Shigeru

PA Fuji Photo Film Co., Ltd., Japan

SO Eur. Pat. Appl., 32 pp.

CODEN: EPXXDW

DT Patent

LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
	-----	----	-----	-----	-----
PI	EP 552646	A1	19930728	EP 1993-100333	19930112
	EP 552646	B1	19980812		
	R: DE, FR, GB, IT, NL				
	JP 05197076	A2	19930806	JP 1992-27548	19920120
	JP 2767335	B2	19980618		
	US 5346810	A	19940913	US 1993-3476	19930112
PRAI	JP 1992-27548		19920120		

OS MARPAT 120:311308

AB Disclosed is a silver halide photog. material having a hydrophilic colloid

layer which contains a dispersion of solid fine grains of an oxonol dye which does not have any dissocg. proton-contg. substituent or salt thereof

capable of dissolving the dye during development, except the enolic proton

constituting a part of the chromophoric group of the dye in the compd.

In

the photog. material, the oxonole dye colors only the specific hydrophilic

layer without having any bad effect on the photog. properties of the material. The dye may be rapidly decolored by development of the material.

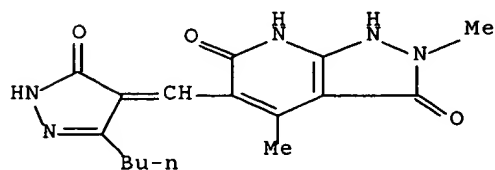
IT 155241-71-7

RL: TEM (Technical or engineered material use); USES (Uses)
(silver halide photog. materials contg.)

RN 155241-71-7 CAPLUS

CN 1H-Pyrazolo[3,4-b]pyridine-3,6(2H,7H)-dione, 5-[(3-butyl-1,5-dihydro-5-oxo-

4H-pyrazol-4-ylidene)methyl]-2,4-dimethyl- (9CI) (CA INDEX NAME)



L4 ANSWER 86 OF 190 CAPLUS COPYRIGHT 2001 ACS
 AN 1994:284847 CAPLUS
 DN 120:284847
 TI Silver halide photographic material with print-out property for handling under room light
 IN Yasuda, Shoji; Kuwabara, Kenichi
 PA Fuji Photo Film Co Ltd, Japan
 SO Jpn. Kokai Tokkyo Koho, 30 pp.
 CODEN: JKXXAF
 DT Patent
 LA Japanese
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
	-----	----	-----	-----	-----
PI	JP 05313298	A2	19931126	JP 1992-146761	19920514
	JP 2794248	B2	19980903		

AB In the material consisting of a first Ag bromide chloride emulsion layer and a second emulsion layer, the first layer (AgCl content .gtoreq.80 mol%) is prepd. in presence of 1 .times. 10⁻⁶-1 .times.10⁻⁴ mol/Ag-mol water-sol. Rh salt and the second layer has a sensitivity lower than the of the first layer and excellent print-out property. The material contains a hydrazine deriv. or a tetrazolium compd. in the emulsion or hydrophilic colloid layer. The material contains solid-dispersed micrograin dye in the hydrophilic colloid layer other than the emulsion layer.

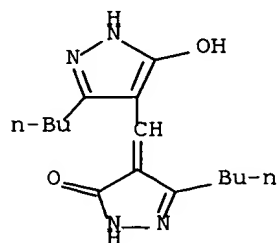
IT 148520-58-5 154881-99-9

RL: USES (Uses)

(solid-dispersed photog. dye, print out, for handling under room light)

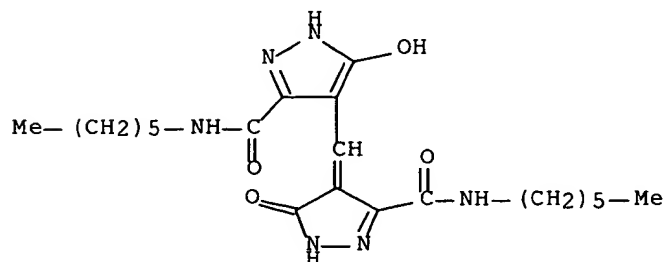
RN 148520-58-5 CAPLUS

CN 3H-Pyrazol-3-one, 5-butyl-4-[(3-butyl-5-hydroxy-1H-pyrazol-4-yl)methylene]-2,4-dihydro- (9CI) (CA INDEX NAME)



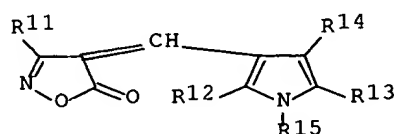
RN 154881-99-9 CAPLUS

CN 1H-Pyrazole-3-carboxamide, N-hexyl-4-[[3-[(hexylamino)carbonyl]-1,5-dihydro-5-oxo-4H-pyrazol-4-ylidene]methyl]-5-hydroxy- (9CI) (CA INDEX NAME)

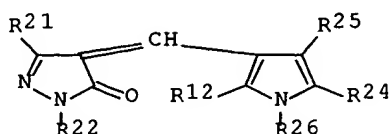


L4 ANSWER 87 OF 190 CAPLUS COPYRIGHT 2001 ACS
 AN 1994:231748 CAPLUS
 DN 120:231748
 TI Silver halide photographic material containing bleachable dye interlayer
 IN Watanabe, Toshuki; Jinbo, Yoshihiro; Yamanochi, Junichi
 PA Fuji Photo Film Co Ltd, Japan
 SO Jpn. Kokai Tokkyo Koho, 70 pp.
 CODEN: JKXXAF
 DT Patent
 LA Japanese
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 05045789	A2	19930226	JP 1991-232471	19910821
OS	MARPAT 120:231748				
GI					



I



II

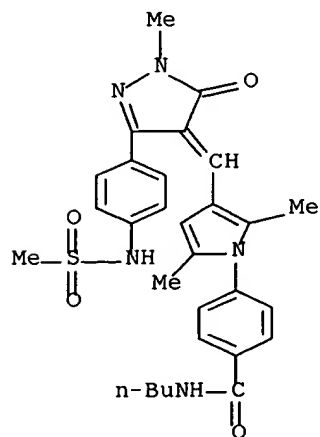
AB The title photog. material has .gtoreq.1 hydrophilic colloid layer
 contg. an emulsified dispersion of a polymer which is water-insol. but
 is sol. in org. solvents and I and/or II [R11 = H, alkyl, aryl, CO2R16,
 CONR16R17; R12-14 = H, alkyl, aryl, amino; R13 and R14 may form a 6-
 membered ring; R16,17 = H, alkyl, aryl; R21 = alkyl, aryl, CO2R27,
 COR27, CONR27R28, CN, OR27, NR27R28, NR27COR28; R22 = H, alkyl, aryl,
 heterocyclyl; R23-25,27,28 = H, alkyl, aryl; R24 and R25 may form a 6-
 membered ring; R26 = H, alkyl, amino].

IT 154042-00-9

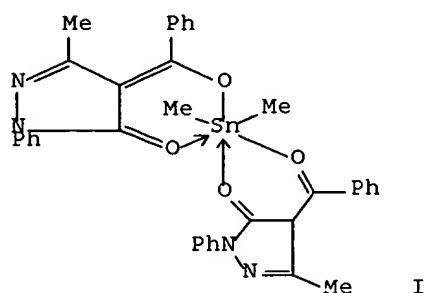
RL: USES (Uses)
 (photog. dye, bleachable)

RN 154042-00-9 CAPLUS

CN Benzamide, N-butyl-4-[3-[[1,5-dihydro-1-methyl-3-[4-
 [(methylsulfonyl)amino]phenyl]-5-oxo-4H-pyrazol-4-ylidene]methyl]-2,5-
 dimethyl-1H-pyrrol-1-yl]- (9CI) (CA INDEX NAME)



L4 ANSWER 88 OF 190 CAPLUS COPYRIGHT 2001 ACS
 AN 1994:217922 CAPLUS
 DN 120:217922
 TI Tin(IV) and organotin(IV) complexes containing the anion of some substituted 3-methyl-4-acyl-5-pyrazolones. Crystal structure of dimethylbis(1-phenyl-3-methyl-4-benzoyl pyrazolon-5-ato)tin(IV)
 AU Bovio, Bruna; Cingolani, Augusto; Marchetti, Fabio; Pettinari, Claudio
 CS Dipartimento di Chimica Generale, Universita di Pavia, viale Taramelli 12,
 Pavia, 27100, Italy
 SO J. Organomet. Chem. (1993), 458(1-2), 39-48
 CODEN: JORCAI; ISSN: 0022-328X
 DT Journal
 LA English
 GI



AB Six-coordinate $[(Q)2SnRX]$ compds., where QH is 1-R'-3-methyl-4-R''C(O)-5-pyrazolone (QPH: R' = p-O₂NC₆H₄, R'' = Ph; QMH: R' = Me, R'' = Ph; QFH: R' = Ph, R'' = CF₃, X = Cl or R, R = Cl or Me), were prep'd. and characterized by elemental analyses, spectral (IR, ¹H, ¹³C and ¹¹⁹Sn NMR data) and cond. measurements. The crystal structure of $[(Q')2Sn(CH_3)_2]$ (I, Q'H = 1-phenyl-3-methyl-4-benzoyl-5-pyrazolone) was also det'd. The sterically demanding ligand gives rise to severe distortion of the six-coordinate $[(Q')2SnMe_2]$ compd., similar to that noted in $[(Q')2Sn(t-Bu)_2]$ and $[(Q')2Sn(n-Bu)_2]$. The C-Sn-C axis is bent (153.3(3).degree.) and two of the four Sn-O bonds are exceptionally long (2.337(4) and 2.412(4) .ANG.) whereas the other two Sn-O bonds are normal (2.104(3) and 2.103(4) .ANG.).

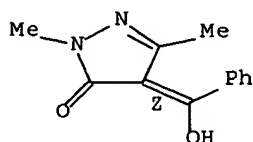
IT 40030-37-3P

RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation)
 (prepn. and reaction of, with tin chlorides)

RN 40030-37-3 CAPLUS

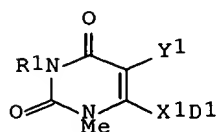
CN 3H-Pyrazol-3-one, 2,4-dihydro-4-(hydroxyphenylmethylene)-2,5-dimethyl-,
 (4Z)- (9CI) (CA INDEX NAME)

Double bond geometry as shown.

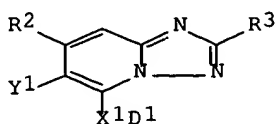


L4 ANSWER 89 OF 190 CAPLUS COPYRIGHT 2001 ACS
 AN 1994:178118 CAPLUS
 DN 120:178118
 TI Silver halide photographic material
 IN Tamura, Yoko
 PA Fuji Photo Film Co Ltd, Japan
 SO Jpn. Kokai Tokkyo Koho, 30 pp.
 CODEN: JKXXAF
 DT Patent
 LA Japanese
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 05289238	A2	19931105	JP 1992-114326	19920408
OS	MARPAT 120:178118				
GI					



I



II

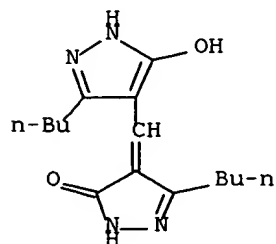
AB The material contains .gtoreq.1 solid-dispersed dye grains and an azole compd. I and/or II [R1 = C.gtoreq.6 substituent; R2, R3 = H, C.gtoreq.6 substituent; Y1 = H, electron-withdrawing group; X1 = divalent heteroatom(-contg. group)] in the emulsion or hydrophilic colloid layer on the support. Sensitivity and max. d. are controllable easier in the material.

IT **148520-58-5**

RL: TEM (Technical or engineered material use); USES (Uses)
 (photog. material contg., for sensitivity control)

RN 148520-58-5 CAPLUS

CN 3H-Pyrazol-3-one, 5-butyl-4-[(3-butyl-5-hydroxy-1H-pyrazol-4-yl)methylene]-
 2,4-dihydro- (9CI) (CA INDEX NAME)



L4 ANSWER 90 OF 190 CAPLUS COPYRIGHT 2001 ACS

AN 1994:148859 CAPLUS

DN 120:148859

TI High-contrast silver halide photographic material for safe light handling

IN Kuwabara, Kenichi; Yasuda, Shoji

PA Fuji Photo Film Co Ltd, Japan

SO Jpn. Kokai Tokkyo Koho, 30 pp.

CODEN: JKXXAF

DT Patent

LA Japanese

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
	-----	----	-----	-----	-----
PI	JP 05289237	A2	19931105	JP 1992-115226	19920409
	JP 2890274	B2	19990510		

OS MARPAT 120:148859

AB The material is characterized by (1) having .gtoreq.2 emulsion layer with

different photog. sensitivity contg. Ag(Br, Cl) grains (AgCl .gtoreq.80 mol%) or AgCl grains prepd. in presence of 1 .times. 10⁻⁷-5 .times. 10⁻⁴ mol Rh salt, (2) consisting of a support successively coated with a high sensitivity-emulsion layer and low sensitivity-emulsion layers, and (3) .gtoreq.1 hydrophilic colloid layer contg. solid dispersed dye. The material may contain a hydrazine deriv. or a tetrazolium compd. The material gives neg. high-contrast image under safe light and is useful

for

photog. printing.

IT **148520-58-5**

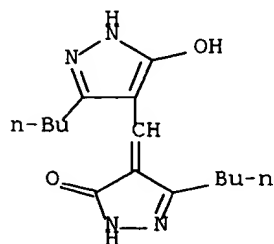
RL: USES (Uses)

(photog. dye, for high-contrast neg. image)

RN 148520-58-5 CAPLUS

CN 3H-Pyrazol-3-one, 5-butyl-4-[(3-butyl-5-hydroxy-1H-pyrazol-4-yl)methylene]-

2,4-dihydro- (9CI) (CA INDEX NAME)



L4 ANSWER 91 OF 190 CAPLUS COPYRIGHT 2001 ACS

AN 1994:148826 CAPLUS

DN 120:148826

TI Silver halide photographic material

IN Hatakeyama, Akira

PA Fuji Photo Film Co Ltd, Japan

SO Jpn. Kokai Tokkyo Koho, 14 pp.

CODEN: JKXXAF

DT Patent

LA Japanese

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 05224344	A2	19930903	JP 1992-55984	19920207
	JP 2869601	B2	19990310		

AB The title photog. material is characterized by (1) a hydrophilic binder ratio in a photoinensitive colloid layer side vs. the emulsion layer side

is .gtoreq.0.3, (2) a water content in the photoinensitive layer is .ltoreq.0.2 g/binder after wash-out, and (3) a layer decoloring by development is coated on the emulsion layer side. The material shows good

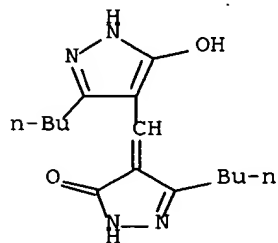
curl, drying, antihalation, and carry-over properties.

IT 148520-58-5

RL: TEM (Technical or engineered material use); USES (Uses)
(photo. material contg., in coloring layer)

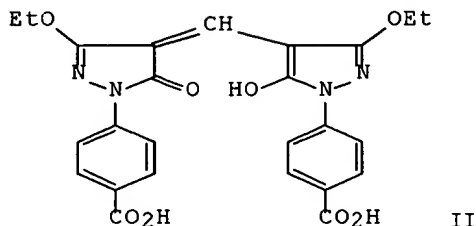
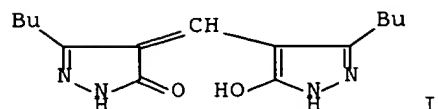
RN 148520-58-5 CAPLUS

CN 3H-Pyrazol-3-one, 5-butyl-4-[(3-butyl-5-hydroxy-1H-pyrazol-4-yl)methylene]-
2,4-dihydro- (9CI) (CA INDEX NAME)



L4 ANSWER 92 OF 190 CAPLUS COPYRIGHT 2001 ACS
 AN 1994:148800 CAPLUS
 DN 120:148800
 TI Silver halide photographic material
 IN Idogaki, Yoko
 PA Fuji Photo Film Co Ltd, Japan
 SO Jpn. Kokai Tokkyo Koho, 27 pp.
 CODEN: JKXXAF
 DT Patent
 LA Japanese
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 05165149	A2	19930629	JP 1991-353948	19911219
	JP 2707385	B2	19980128		
	US 5356766	A	19941018	US 1994-186891	19940127
PRAI	JP 1991-353948		19911219		
	US 1992-993608		19921221		
OS	MARPAT 120:148800				
GI					



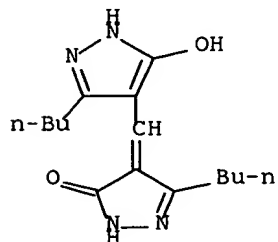
AB The title material has one or more hydrophilic colloid layers contg. two or more dyes (Markush structures given). I and II are examples of said dyes. The title material shows good decolorization after photog. processing.

IT 148520-58-5 152962-19-1

RL: USES (Uses)
 (dye, in photog. material)

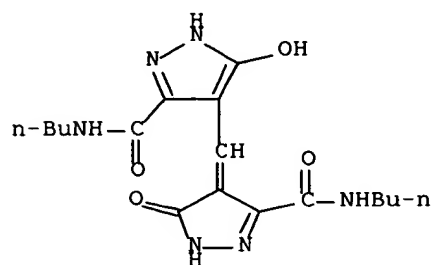
RN 148520-58-5 CAPLUS

CN 3H-Pyrazol-3-one, 5-butyl-4-[(3-butyl-5-hydroxy-1H-pyrazol-4-yl)methylene]-
 2,4-dihydro- (9CI) (CA INDEX NAME)

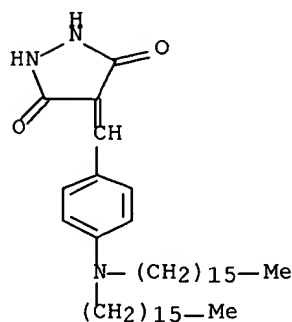


RN 152962-19-1 CAPLUS

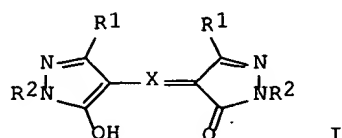
CN 1H-Pyrazole-3-carboxamide, N-butyl-4-[[3-[(butylamino)carbonyl]-5-hydroxy-1H-pyrazol-4-yl]methylene]-4,5-dihydro-5-oxo- (9CI) (CA INDEX NAME)



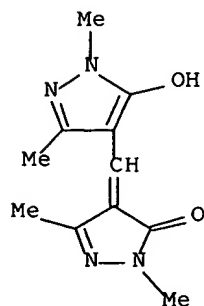
L4 ANSWER 93 OF 190 CAPLUS COPYRIGHT 2001 ACS
 AN 1994:25911 CAPLUS
 DN 120:25911
 TI Formation of molecular bonds through hydrogen bridges in the gas-water interface: molecular recognition and quantitative hydrolysis of barbituric acid lipids
 AU Ahuja, Ramesh; Caruso, Pier Lorenzo; Moebius, Dietmar; Paulus, Wolfgang; Ringsdorf, Helmut; Wildburg, Gerald
 CS Max-Planck-Inst. Biophys. Chem., Goettingen-Nikolausberg, D-37077, Germany
 SO Angew. Chem. (1993), 105(7), 1082-5 (See also Angew. Chem., Int. Ed. Engl., 1993, 32(7), 1033-6)
 CODEN: ANCEAD; ISSN: 0044-8249
 DT Journal
 LA German
 AB The mol. recognition and hydrolysis of barbituric acid lipids in monolayers by 2,4,6-triaminopyrimidine (TAP), melamine, and urea were examd. TAP, melamine, and urea were able to insert into the monolayers to various degrees. However, hydrolysis of the chromophore of the barbituric acid lipids depended on the ability to form hydrogen bonds that activated the hydrolysis mechanism.
 IT 151860-13-8
 RL: BIOL (Biological study)
 (recognition and hydrolysis of, in monolayers at gas-water interface by triaminopyrimidine, hydrogen bonding in)
 RN 151860-13-8 CAPLUS
 CN 3,5-Pyrazolidinedione, 4-[[4-(dihexadecylamino)phenyl]methylene]- (9CI)
 (CA INDEX NAME)



L4 ANSWER 94 OF 190 CAPLUS COPYRIGHT 2001 ACS
 AN 1994:8130 CAPLUS
 DN 120:8130
 TI Proton transfer in rubazoic acid derivatives in solution and in the solid state. An NMR study
 AU Olivieri, Alejandro C.; Sanz, Dionisia; Claramunt, Rosa Maria; Elguero, Jose
 CS Inst. Quim. Med., CSIC, Madrid, E-28006, Spain
 SO J. Chem. Soc., Perkin Trans. 2 (1993), 9 1597-601
 CODEN: JCPKBH; ISSN: 0300-9580
 DT Journal
 LA English
 GI



AB Soln. ¹H and ¹³C, and solid-state ¹³C CPMAS NMR data are reported for rubazoic acid derivs. I (X = CH, N, R1 = R2 = Me; X = CH, R1 = NH₂, R2 = Ph; X = CH, R1 = Me, R2 = p-C₆H₄SO₃H). Soln. ¹⁵N NMR chem. shifts have also been measured. Isotopic ²H shifts for the OH signal in CDCl₃ for the first two compds. were found to be +0.28 ± 0.03 and +0.40 ± 0.03 ppm, resp. AM1-calcd. mol. geometries are also reported. The overall results support the idea of a fast proton transfer equil. between two enolic tautomers both in soln. and in the solid state. The degeneracy of the tautomers is removed in crystals.
 IT 151589-04-7
 RL: PRP (Properties)
 (proton transfer in, NMR study of)
 RN 151589-04-7 CAPLUS
 CN 3H-Pyrazol-3-one, 2,4-dihydro-4-[(5-hydroxy-1,3-dimethyl-1H-pyrazol-4-yl)methylene]-2,5-dimethyl- (9CI) (CA INDEX NAME)



L4 ANSWER 95 OF 190 CAPLUS COPYRIGHT 2001 ACS
 AN 1993:637887 CAPLUS
 DN 119:237887
 TI Silver halide photographic material
 IN Karino, Yukio
 PA Fuji Photo Film Co Ltd, Japan
 SO Jpn. Kokai Tokkyo Koho, 18 pp.
 CODEN: JKXXAF
 DT Patent
 LA Japanese
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
	-----	----	-----	-----	-----
PI	JP 05113624	A2	19930507	JP 1991-302599	19911023

OS MARPAT 119:237887

AB In the title material comprising a support having thereon one or more
 photosensitive silver halide emulsion layers and one or more hydrophilic
 colloid layers contg. a dispersion of solid particles of a dye, the amt.
 of hydrophilic colloid in said hydrophilic colloid layers is 0.6 g/m² to

2

g/m². The total amt. of hydrophilic colloid in photosensitive silver
 halide emulsion layers and in layers contg. the dispersion of dye
 particles is 2.6 g/m² to 4 g/m². The above-mentioned dye is a
 pyrazolinone deriv. The title material is suited for quick processing.

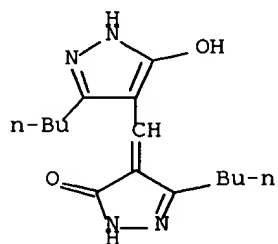
IT 148520-58-5

RL: USES (Uses)

(dye, in photog. material)

RN 148520-58-5 CAPLUS

CN 3H-Pyrazol-3-one, 5-butyl-4-[(3-butyl-5-hydroxy-1H-pyrazol-4-
 yl)methylene]-
 2,4-dihydro- (9CI) (CA INDEX NAME)



L4 ANSWER 96 OF 190 CAPLUS COPYRIGHT 2001 ACS
 AN 1993:570412 CAPLUS
 DN 119:170412
 TI Silver halide photographic material with a protective layer containing dispersed solid dye to improve tone reproduction quality and safelight insensitivity
 IN Goto, Takahiro; Inoe, Nobuaki
 PA Fuji Photo Film Co Ltd, Japan
 SO Jpn. Kokai Tokkyo Koho, 17 pp.
 CODEN: JKXXAF
 DT Patent
 LA Japanese
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 05113623	A2	19930507	JP 1991-301259	19911022
	US 5281513	A	19940125	US 1992-964057	19921021
PRAI	JP 1991-301259		19911022		

AB The claimed photog. material comprising a support, .gtoreq.1 light-sensitive emulsion layer(s) and a light-insensitive hydrophilic colloid layer contg. a dispersion of solid dye has a backing layer having the light absorbance 0.50-0.90 at spectral region 320-400 nm. The material has an excellent tone reprodn. quality and capability of gradation control in film making process and is insensitive to safelight.

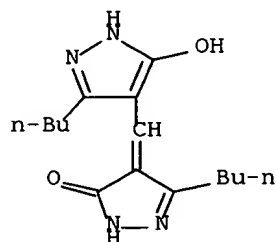
IT **148520-58-5**

RL: USES (Uses)

(photog. dye, for under light safety)

RN 148520-58-5 CAPLUS

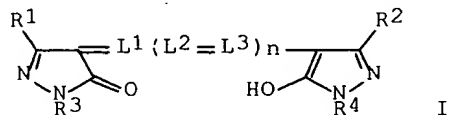
CN 3H-Pyrazol-3-one, 5-butyl-4-[(3-butyl-5-hydroxy-1H-pyrazol-4-yl)methylene]-
 2,4-dihydro- (9CI) (CA INDEX NAME)



L4 ANSWER 97 OF 190 CAPLUS COPYRIGHT 2001 ACS
 AN 1993:570388 CAPLUS
 DN 119:170388
 TI Silver halide photographic material with good decolorization characteristics
 IN Hanyu, Takeshi; Yoshida, Kazuhiro
 PA Konishiroku Photo Ind, Japan
 SO Jpn. Kokai Tokkyo Koho, 25 pp.
 CODEN: JKXXAF
 DT Patent
 LA Japanese
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
	-----	---	-----	-----	-----
PI	JP 05045795	A2	19930226	JP 1991-200511	19910809
	JP 3136362	B2	20010219		

GI



AB In the title material comprising a support having thereon an elec.
 conductive layer contg. an ionic polymer or a metal oxide, the said
 elec.

conductive layer is coated with one or more photog. constituent layers
 contg. a dispersion of solid microparticles of a dye represented, e.g.,
 by

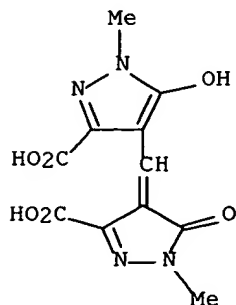
I. For I, R1, R2 = substituent; R3, R4 = Ph moiety having a linking
 group
 connected to CO2H; L1 to L3 = methine; n = 0 to 2. The title material
 shows good decolorization after photog. processing.

IT 119376-54-4

RL: TEM (Technical or engineered material use); USES (Uses)
 (silver halide photog. materials contg.)

RN 119376-54-4 CAPLUS

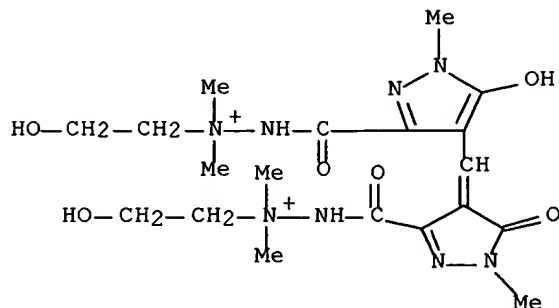
CN 1H-Pyrazole-3-carboxylic acid, 4-[(3-carboxy-5-hydroxy-1-methyl-1H-
 pyrazol-
 4-yl)methylene]-4,5-dihydro-1-methyl-5-oxo- (9CI) (CA INDEX NAME)



L4 ANSWER 98 OF 190 CAPLUS COPYRIGHT 2001 ACS
 AN 1993:570364 CAPLUS
 DN 119:170364
 TI Antihalation and anti-irradiation dyes-containing silver halide
 photographic materials
 IN Yamauchi, Reiko; Kawashima, Yasuhiko
 PA Konica Co., Japan
 SO Jpn. Kokai Tokkyo Koho, 47 pp.
 CODEN: JKXXAF
 DT Patent
 LA Japanese
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 04319947	A2	19921110	JP 1991-112278	19910418

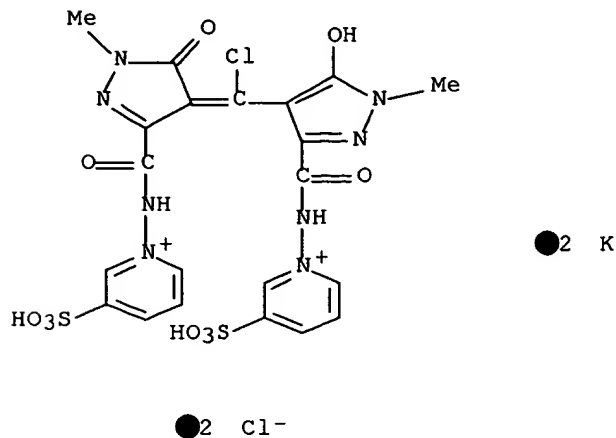
GI For diagram(s), see printed CA Issue.
 AB The title photog. material contains .gtoreq.1 oxonol dye(s) selected
 from
 I and(or) II [R1, R2, R11, R12 = H, alkyl, alkenyl, aryl, heterocyclyl;
 R5-R10 = alkyl, alkenyl, aryl, heterocyclyl; X1-X4 = CO, SO2; Z1, Z2 =
 non-metal atoms required to form heterocycles; Q1 = NR3, N-; Q2 = NR4,
 N-;
 Q3 = NR13, N-; Q4 = NR14, N- (R3-4, R13-14 = H, alkyl, alkenyl, aryl,
 heterocyclyl); R1-R14, Z1, Z2 may be substituted; L1-L5 = methine; n1-n4
 =
 0-2; Y1, Y2 = group capable of forming anion when Q1-Q4 is not N-]. The
 oxonol dyes show good spectral absorption without adversely affecting
 the
 photog. material, and can minimize soiling because it can be easily
 bleached and dissolved in water during photog. processing.
 IT **149661-89-2 149662-16-8**
 RL: USES (Uses)
 (photog. antihalation and anti-irradn. dye)
 RN 149661-89-2 CAPLUS
 CN Hydrazinium, 2-[[4-[[1,5-dihydro-3-[[2-(2-hydroxyethyl)-2,2-
 dimethylhydrazinium-1-yl]carbonyl]-1-methyl-5-oxo-4H-pyrazol-4-
 ylidene)methyl]-5-hydroxy-1-methyl-1H-pyrazol-3-yl]carbonyl]-1-(2-
 hydroxyethyl)-1,1-dimethyl-, dichloride (9CI) (CA INDEX NAME)



●2 c1-

RN 149662-16-8 CAPLUS

CN Pyridinium, 1-[[[4-[chloro[1,5-dihydro-1-methyl-5-oxo-3-[[3-sulfonypyridinio) amino]carbonyl]-4H-pyrazol-4-ylidene]methyl]-5-hydroxy-1-methyl-1H-pyrazol-3-yl]carbonyl]amino]-3-sulfo-, dichloride, dipotassium salt (9CI) (CA INDEX NAME)



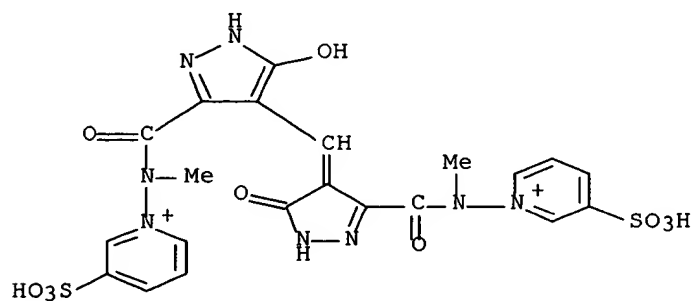
IT 149662-42-0P

RL: PREP (Preparation)

(prepn. of, as photog. antihalation dye)

RN 149662-42-0 CAPLUS

CN Pyridinium, 1-[[[4,5-dihydro-4-[[5-hydroxy-3-[[methyl(3-sulfonypyridinio) amino]carbonyl]-1H-pyrazol-4-yl]methylene]-5-oxo-1H-pyrazol-3-yl]carbonyl]methylamino]-3-sulfo-, diiodide, dipotassium salt (9CI) (CA INDEX NAME)



PAGE 1-A

PAGE 2-A

●2 K

L4 ANSWER 99 OF 190 CAPLUS COPYRIGHT 2001 ACS

AN 1993:505761 CAPLUS

DN 119:105761

TI Photographic material containing quick bleachable filter layer

IN Idogaki, Yoko

PA Fuji Photo Film Co., Ltd., Japan

SO Jpn. Kokai Tokkyo Koho, 20 pp.

CODEN: JKXXAF

DT Patent

LA Japanese

FAN.CNT 1

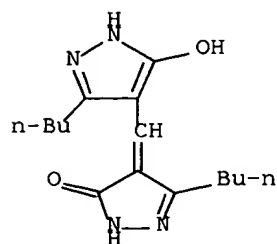
	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 04333838	A2	19921120	JP 1991-132158	19910509

AB In the title photog. material comprising on its support photog. Ag halide emulsion layers and .gtoreq.1 nonphotosensitive hydrophilic colloid layer
contg. dispersed fine solid dye particles, the av. particle size of the dye is controlled to .ltoreq.0.6 .mu.m and .ltoreq.25 wt.% of the dye has a particle size of .gtoreq.20 times the av. particle size of the Ag halide grains contained in the photog. emulsion layers.

IT **148520-58-5**
RL: USES (Uses)
(filter layers contg., for photog. materials)

RN 148520-58-5 CAPLUS

CN 3H-Pyrazol-3-one, 5-butyl-4-[(3-butyl-5-hydroxy-1H-pyrazol-4-yl)methylene]-
2,4-dihydro- (9CI) (CA INDEX NAME)



L4 ANSWER 100 OF 190 CAPLUS COPYRIGHT 2001 ACS
 AN 1993:437449 CAPLUS
 DN 119:37449
 TI Silver halide photographic material having protective layer containing
 fine dispersion of solid dye particles to improve tone reproduction
 IN Goto, Takahiro; Inoe, Nobuaki
 PA Fuji Photo Film Co Ltd, Japan
 SO Jpn. Kokai Tokkyo Koho, 24 pp.
 CODEN: JKXXAF
 DT Patent
 LA Japanese
 FAN.CNT 2

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 05011383	A2	19930122	JP 1991-189594	19910704
	US 5342743	A	19940830	US 1992-906472	19920630
PRAI	JP 1991-185773		19910701		
	JP 1991-189594		19910704		

AB The photog. material having .gtoreq.1 Ag halide emulsion layer on a
 support has a dye-contg. hydrophilic colloid layer located on the side
 of
 the emulsion layer, wherein an addnl. water-sol. dye or fine solid dye
 dispersion is incorporated in the emulsion layer in such an amt. so that
 the speed decrease does not exceed 0.2 log E. The material can be
 handled

under room light and has improved tone reprodn.

IT **148520-58-5**

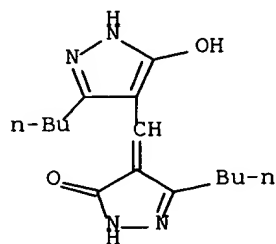
RL: USES (Uses)

(photog. material colloid layers contg.)

RN 148520-58-5 CAPLUS

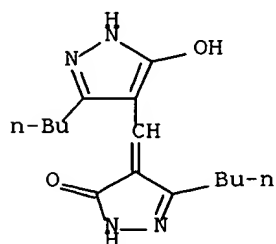
CN 3H-Pyrazol-3-one, 5-butyl-4-[(3-butyl-5-hydroxy-1H-pyrazol-4-
 yl)methylene]-

2,4-dihydro- (9CI) (CA INDEX NAME)



L4 ANSWER 101 OF 190 CAPLUS COPYRIGHT 2001 ACS
 AN 1993:437448 CAPLUS
 DN 119:37448
 TI Silver halide photographic material with transition metal-containing fine grain emulsion and solid dye dispersion to improve tone reproduction
 IN Goto, Takahiro; Inoe, Nobuaki
 PA Fuji Photo Film Co Ltd, Japan
 SO Jpn. Kokai Tokkyo Koho, 24 pp.
 CODEN: JKXXAF
 DT Patent
 LA Japanese
 FAN.CNT 2

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 05011382	A2	19930122	JP 1991-185773	19910701
	JP 2972831	B2	19991108		
	US 5342743	A	19940830	US 1992-906472	19920630
PRAI	JP 1991-185773		19910701		
	JP 1991-189594		19910704		
AB	The photog. material having .gtoreq.1 Ag halide emulsion layer on a support has (1) an emulsion layer contg. fine Ag halide grains of diam. .ltoreq.0.15 .mu.m which incorporate .gtoreq.10 ⁻⁷ mol/mol Ag Group V-VIII transition metal and (2) a solid dye dispersion-contg. hydrophilic colloid layer located on the side of the emulsion layer. The material can be handled under room light and has an improved tone reprodn.				
IT	148520-58-5 RL: USES (Uses) (photog. emulsion layers contg.)				
RN	148520-58-5 CAPLUS				
CN	3H-Pyrazol-3-one, 5-butyl-4-[(3-butyl-5-hydroxy-1H-pyrazol-4-yl)methylene]- 2,4-dihydro- (9CI) (CA INDEX NAME)				



L4 ANSWER 102 OF 190 CAPLUS COPYRIGHT 2001 ACS
 AN 1993:437402 CAPLUS
 DN 119:37402
 TI Silver halide photographic material
 IN Yamauchi, Reiko; Kawashima, Yasuhiko; Kagawa, Nobuaki
 PA Konica Co., Japan
 SO Jpn. Kokai Tokkyo Koho, 37 pp.
 CODEN: JKXXAF

DT Patent
LA Japanese
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 04267251	A2	19920922	JP 1991-28718	19910222
	JP 2881508	B2	19990412		

GI For diagram(s), see printed CA Issue.

AB The title material contains one or more dye compds. represented by I.

For I, R1, R2 = H, alkyl, aryl, alkenyl, etc.; Z1, Z2 = non-metallic atoms
for

forming heterocyclic ring; further details on R1, R2, Z1, Z2 are given;
L1-L5 = (substituted) methine; n, l = 0 to 2. The title material shows
good decolorization after photog. processing.

IT 148202-54-4

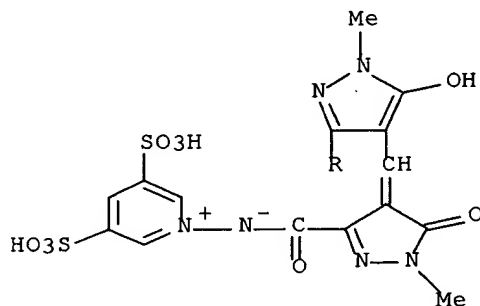
RL: USES (Uses)
(dye, in photog. material)

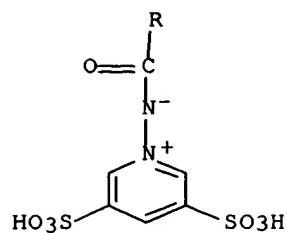
RN 148202-54-4 CAPLUS

CN Pyridinium, 1-[[[4-[[3-[[[(3,5-disulfonylpyridinio)amino]carbonyl]-1,5-
dihydro-
1-methyl-5-oxo-4H-pyrazol-4-ylidene]methyl]-5-hydroxy-1-methyl-1H-
pyrazol-
3-yl]carbonyl]amino]-3,5-disulfo-, bis(inner salt), tetrasodium salt
(9CI)

(CA INDEX NAME)

PAGE 1-A





●4 Na

IT 148202-52-2P

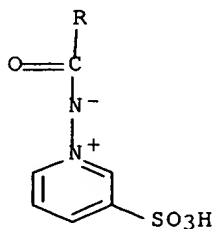
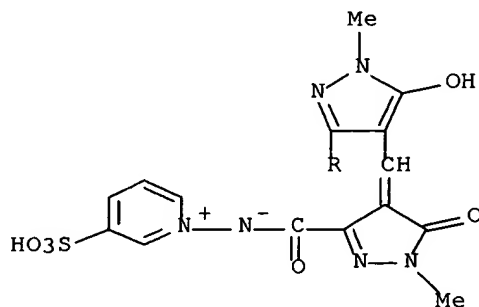
RL: PREP (Preparation)
(prepn. of, as dye)

RN 148202-52-2 CAPLUS

CN Pyridinium, 1-[[[4,5-dihydro-4-[[5-hydroxy-1-methyl-3-[[(3-sulfopyridinio)amino]carbonyl]-1H-pyrazol-4-yl]methylene]-1-methyl-5-

oxo-

1H-pyrazol-3-yl]carbonyl]amino]-3-sulfo-, bis(inner salt), dipotassium salt (9CI) (CA INDEX NAME)

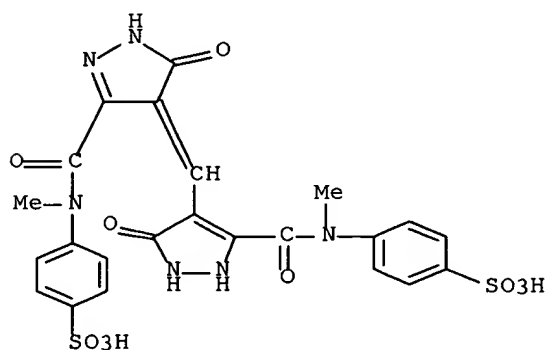


●2 K

AN 1993:263757 CAPLUS
 DN 118:263757
 TI Silver halide photographic material
 IN Kawashima, Yasuhiko; Yamauchi, Reiko; Kojima, Tamotsu; Kagawa, Nobuaki
 PA Konica Co., Japan
 SO Jpn. Kokai Tokkyo Koho, 27 pp.
 CODEN: JKXXAF
 DT Patent
 LA Japanese
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 04229856	A2	19920819	JP 1990-415096	19901227

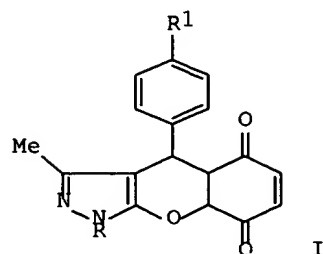
OS MARPAT 118:263757
 GI For diagram(s), see printed CA Issue.
 AB A Ag halide photog. material contains a compd. I [R1-R2 = H, alkyl, aryl, alkenyl; R3, R5 = alkyl, alkenyl; R4, R6 = aryl; L1-L6 = methine chain; n1, n2 = 0, 1, 2. The compd. has a good spectroscopic absorption property, is photog. inactive, and does not contaminate developer soln.
 IT **147841-39-2**
 RL: TEM (Technical or engineered material use); USES (Uses)
 (silver halide photog. materials contg.)
 RN 147841-39-2 CAPLUS
 CN Benzenesulfonic acid, 4-[[[4,5-dihydro-4-[[3-hydroxy-5-[[methyl(4-sulfophenyl)amino]carbonyl]-1H-pyrazol-4-yl]methylene]-5-oxo-1H-pyrazol-3-yl]carbonyl]methylanino]-, dipotassium salt (9CI) (CA INDEX NAME)



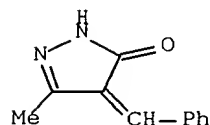
● 2 K

L4 ANSWER 104 OF 190 CAPLUS COPYRIGHT 2001 ACS
 AN 1993:212955 CAPLUS
 DN 118:212955
 TI Diels-Alder reaction: new antimicrobial pyrazolo-chroman derivatives
 AU Abd El Latif, F. M.; Maghraby, A. S.; Barsy, M. A.; Badr, M. Z. A.
 CS Chem. Dep., Aswan Fac. Sci., Aswan, Egypt
 SO J. Chem. Technol. Biotechnol. (1993), 56(2), 147-9
 CODEN: JCTBED; ISSN: 0268-2575
 DT Journal

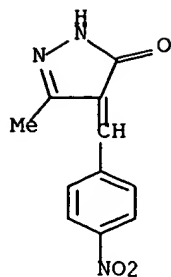
LA English
 OS CASREACT 118:212955
 GI



AB Pyrazolo[2,3-d]chromandione derivs. (I; R = H, Ph; R' = H, NO₂, NMe₂,
 OMe,
 Cl) were obtained via Diels-Alder reaction of arylidenepyrazolones and
 1,4-benzoquinone. The reaction rate and its yield are solvent and time
 dependent. Evaluation of the bactericidal and fungicidal screening
 showed
 significant inhibition effects against some thermophilic organisms grown
 and incubated at 55.degree..
 IT 68761-49-9 68761-51-3 76074-80-1
 133665-43-7 147168-84-1
 RL: RCT (Reactant)
 (Diels-Alder reaction of, with benzoquinone)
 RN 68761-49-9 CAPLUS
 CN 3H-Pyrazol-3-one, 2,4-dihydro-5-methyl-4-(phenylmethylene)- (9CI) (CA
 INDEX NAME)

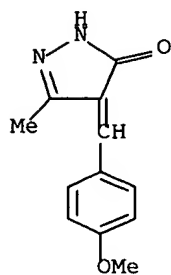


RN 68761-51-3 CAPLUS
 CN 3H-Pyrazol-3-one, 2,4-dihydro-5-methyl-4-[(4-nitrophenyl)methylene]-
 (9CI)
 (CA INDEX NAME)



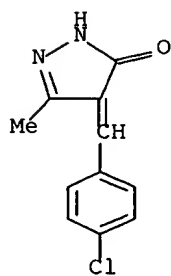
RN 76074-80-1 CAPLUS

CN 3H-Pyrazol-3-one, 2,4-dihydro-4-[(4-methoxyphenyl)methylene]-5-methyl-
(9CI) (CA INDEX NAME)



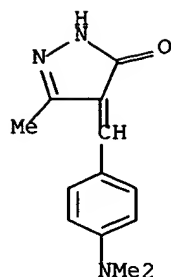
RN 133665-43-7 CAPLUS

CN 3H-Pyrazol-3-one, 4-[(4-chlorophenyl)methylene]-2,4-dihydro-5-methyl-
(9CI) (CA INDEX NAME)



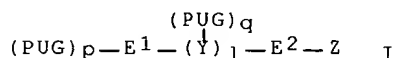
RN 147168-84-1 CAPLUS

CN 3H-Pyrazol-3-one, 4-[[4-(dimethylamino)phenyl]methylene]-2,4-dihydro-5-methyl-
(9CI) (CA INDEX NAME)

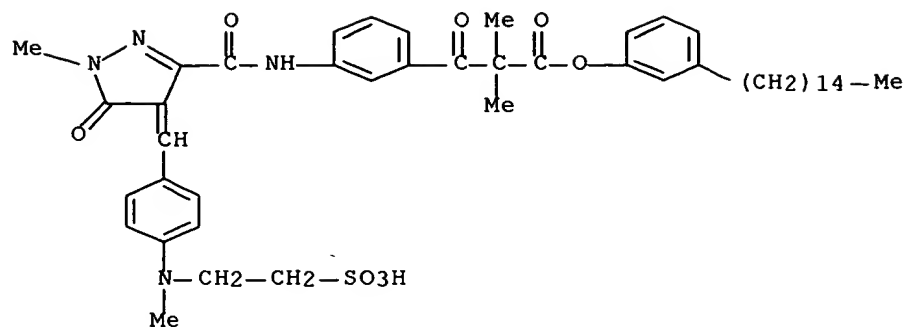


L4 ANSWER 105 OF 190 CAPLUS COPYRIGHT 2001 ACS
 AN 1993:136090 CAPLUS
 DN 118:136090
 TI Photographic material containing blocked precursor compound releasing
 photographically useful group during processing
 IN Usagawa, Yasushi
 PA Konica Co., Japan
 SO Jpn. Kokai Tokkyo Koho, 13 pp.
 CODEN: JKXXAF
 DT Patent
 LA Japanese
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 04179948	A2	19920626	JP 1990-308343	19901114
GI					



AB The title photog. material contains (I) [E1, E2 = electrophilic group
 with E1 more electrophilic than E2; Y = group releasing Z during processing
 in the presence of E1 and E2; Z = group releasable during processing; PUG =
 photog. useful group; S, p, q = 0,1; p .noteq. q .noteq. 0; when p = 0
 (PUG)p = H, substituent group; when q = 0, (PUG)q = H, substituent].
 When I serves as a dye precursor, it releases a dye only in a HONH2 system.
 It also serves to inhibit fogging without decreasing sensitivity.
 IT **145725-45-7**
 RL: USES (Uses)
 (photog. dye precursor, blocking group contg.)
 RN 145725-45-7 CAPLUS
 CN Benzenepropanoic acid, 3-[[[4,5-dihydro-1-methyl-4-[[4-[methyl(2-
 sulfoethyl)amino]phenyl]methylene]-5-oxo-1H-pyrazol-3-
 yl]carbonyl]amino]-
 .alpha.,.alpha.-dimethyl-.beta.-oxo-, .alpha.-(3-pentadecylphenyl)
 ester,
 monosodium salt (9CI) (CA INDEX NAME)

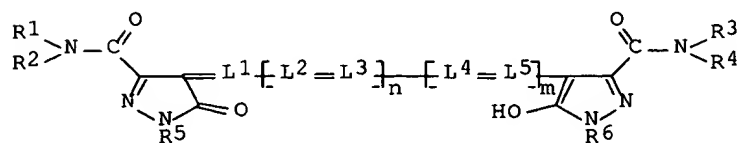


● Na

L4 ANSWER 106 OF 190 CAPLUS COPYRIGHT 2001 ACS
 AN 1993:29818 CAPLUS
 DN 118:29818
 TI Silver halide photographic material containing oxonol dye
 IN Kawashima, Yasuhiko; Kagawa, Nobuaki; Yamauchi, Reiko; Kojima, Tamotsu
 PA Konica Co., Japan
 SO Jpn. Kokai Tokkyo Koho, 20 pp.
 CODEN: JKXXAF
 DT Patent
 LA Japanese
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 04128835	A2	19920430	JP 1990-251109	19900920
	JP 2892804	B2	19990517		

GI

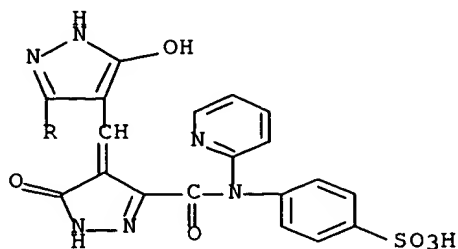


I

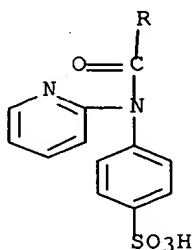
AB The title material contains an oxonol dye I (R1-R4 = aryl, arom. group, heterocyclic group; R5, R6 = H, alkyl, aryl, alkenyl, heterocyclic group;
 L1-L5 = methine group; n, m = 0-2). The oxonol dye, used as a light-absorbing substance in the title photog. material, is water sol., inactive to photog. emulsions, and easily removed from photog. materials (decolorized and/or flows out of photog. materials) during photog. development and leaves very little stains after processing.
 IT 145207-04-1 145207-40-5
 RL: USES (Uses)
 (light-absorbing dye, for photog. materials)
 RN 145207-04-1 CAPLUS

CN Benzenesulfonic acid, 4-[[[4,5-dihydro-4-[[5-hydroxy-3-[[2-pyridinyl(4-sulfophenyl)amino]carbonyl]-1H-pyrazol-4-yl]methylene]-5-oxo-1H-pyrazol-3-yl]carbonyl]-2-pyridinylamino]-, dipotassium salt (9CI) (CA INDEX NAME)

PAGE 1-A



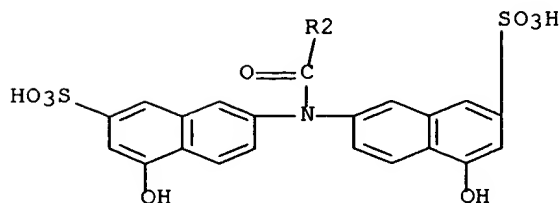
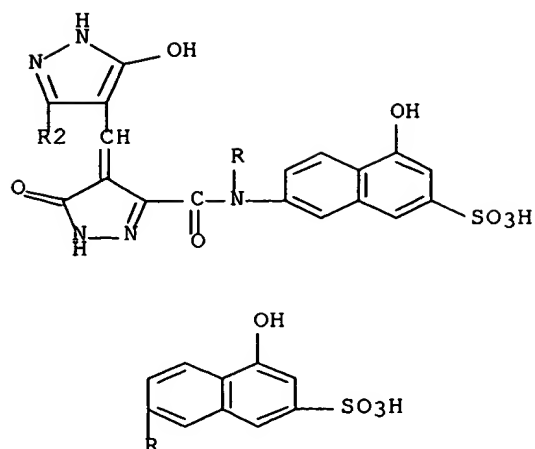
PAGE 2-A



● 2 K

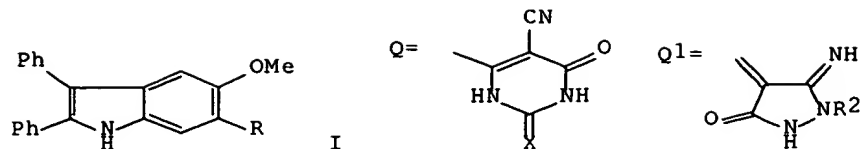
RN 145207-40-5 CAPLUS

CN 2-Naphthalenesulfonic acid, 7,7'-[[[4-[[3-[[bis(5-hydroxy-7-sulfo-2-naphthalenyl)amino]carbonyl]-1,5-dihydro-5-oxo-4H-pyrazol-4-ylidene]methyl]-5-hydroxy-1H-pyrazol-3-yl]carbonyl]imino]bis[4-hydroxy-, tetrapotassium salt (9CI) (CA INDEX NAME)



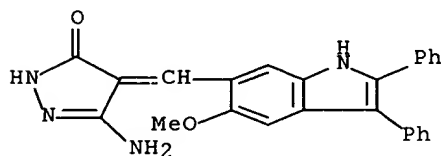
● 4 K

L4 ANSWER 107 OF 190 CAPLUS COPYRIGHT 2001 ACS
 AN 1993:6820 CAPLUS
 DN 118:6820
 TI Synthesis and biological activities of new substituted indoles
 AU Hishmat, Orchidee H.; Nakkady, Sally S.; El Shabrawy, Osama A.; Mahmoud, Sawsan S.
 CS Nat. Prod. Dep., Natl. Res. Cent., Dokki, Egypt
 SO Arch. Pharmacol Res. (1992), 15(1), 104-8
 CODEN: APHRDQ; ISSN: 0253-6269
 DT Journal
 LA English
 GI



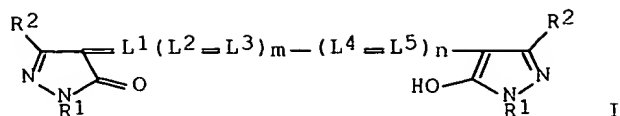
AB 2,3-Diphenyl-6-formyl-5-methoxyindole reacts with Et cyanoacetate to yield the arylidene deriv. I [R = CH:C(CN)CO₂Et] (II) which forms with urea and thiourea the corresponding pyrimidine derivs. I (R = Q, X = O, S). II reacts with hydrazines and with active methylenes to form the resp. pyrazole derivs., e.g., I (R = CH:R₁, R₁ = Q₁, R₂ = H, Ph), and the .alpha.,.beta.-disubstituted acrylonitriles, e.g., I [CH:C(CN)COCH(CN)CR₃X, R₃ = NH₂, Ph, NHNH₂, X = O, S]. Seven new compds. were tested for their effects on the arterial blood pressure of rats and analgesic activity.

IT **143812-33-3P**
 RL: SPN (Synthetic preparation); PREP (Preparation)
 (prepn. of)
 RN 143812-33-3 CAPLUS
 CN 3H-Pyrazol-3-one, 5-amino-2,4-dihydro-4-[(5-methoxy-2,3-diphenyl-1H-indol-6-yl)methylene]- (9CI) (CA INDEX NAME)



L4 ANSWER 108 OF 190 CAPLUS COPYRIGHT 2001 ACS
 AN 1992:601814 CAPLUS
 DN 117:201814
 TI Silver halide photographic material
 IN Usami, Takashi; Adachi, Keiichi
 PA Fuji Photo Film Co., Ltd., Japan
 SO Jpn. Kokai Tokkyo Koho, 19 pp.
 CODEN: JKXXAF
 DT Patent
 LA Japanese
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 04151651	A2	19920525	JP 1990-276770	19901016
GI					



AB The title material has a hydrophilic colloid layer which contains a dispersion of solid particles of one or more dyes represented by general structure I (R1 = alkyl, aryl, aralkyl; R2 = alkyl, aryl, aralkyl, alkoxy,

etc.; L1 to L5 = methine; m, n = 0 or 1). The title material also contains a dye other than the dye represented by I. The title material shows high sensitivity.

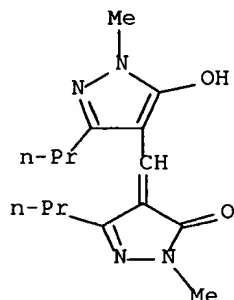
IT **143943-13-9**

RL: USES (Uses)

(silver halide photog. materials)

RN 143943-13-9 CAPLUS

CN 3H-Pyrazol-3-one, 2,4-dihydro-4-[(5-hydroxy-1-methyl-3-propyl-1H-pyrazol-4-yl)methylene]-2-methyl-5-propyl- (9CI) (CA INDEX NAME)



L4 ANSWER 109 OF 190 CAPLUS COPYRIGHT 2001 ACS

AN 1992:581631 CAPLUS

DN 117:181631

TI Infrared sensitive silver halide photographic material

IN Takahashi, Yoshiya; Kaneko, Satoshi; Yamada, Motoshige

PA Mitsubishi Paper Mills, Ltd., Japan

SO Jpn. Kokai Tokkyo Koho, 32 pp.

CODEN: JKXXAF

DT Patent

LA Japanese

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 04014037	A2	19920120	JP 1990-117967	19900508

GI For diagram(s), see printed CA Issue.

AB The title photog. material utilizes a layer(s) contg. >1 dyes (I) [R1, R2

= alkyl; Z1, Z2 = atoms required to complete condensed benzene or naphthalene ring; Y1, Y2 = atoms required to form a ring via the 3-position C of an indole nucleus; .gtoreq.3 acid groups are present in

the mol.; L1-3 = methine group; X1 = anion; n = 1, 2] and .gtoreq.1 dyes selected from 3 other types of dyes represented below. The other dyes are

II [R11, R12 = alkyl, aryl, CN, CO2R15, CONR15R16, COR17, SO2R17, SO2NR15R16, OR15, NR15R16, etc. (R15,16 = H, alkyl, aryl; R17 = alkyl, aryl); Q11, Q12 = methylene, Y11,12 = H, alkyl, sulfo, carboxyl; m, p = 0-5; n = 0-2], III [Z21 = atoms required to complete benzothiazole, naphthothiazole, benzoxazole, naphthoxazole, indole ring, or benzindole; R21 = alkyl; R22 = aryl; q = 1,2; X21 = anion; r = 1,2; at least 1 acid group is present; L21,22 = methine], and IV [Z31 = carbocycle, heterocycle; R31 = aryl, heterocycle-forming group; s = 0, 1; t = 0-2; s and t are not 0 simultaneously]. The hydrophilic colloid layer colored by

the water-sol. dye(s) is readily bleached during processing and the material which has low visible light sensitivity yields superior images.

IT 143556-33-6

RL: USES (Uses)

(water sol. dye, IR-sensitive photog. films contg.)

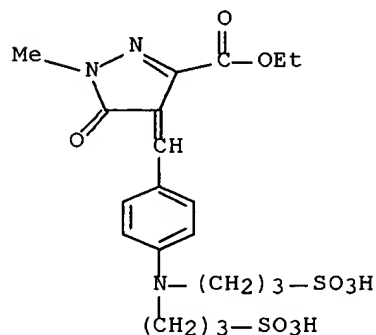
RN 143556-33-6 CAPLUS

CN 1H-Pyrazole-3-carboxylic acid, 4-[[4-[bis(3-sulfo

propyl)amino]phenyl]methy

(CA

INDEX NAME)



●2 Na

L4 ANSWER 110 OF 190 CAPLUS COPYRIGHT 2001 ACS

AN 1992:521419 CAPLUS

DN 117:121419

TI Silver halide photographic material

IN Tanaka, Mari; Kagawa, Nobuaki

PA Konica K. K., Japan

SO Jpn. Kokai Tokkyo Koho, 23 pp.

CODEN: JKXXAF

DT Patent

LA Japanese

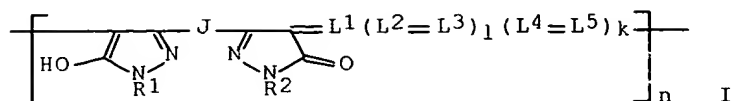
FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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PI JP 04068341
GI

A2 19920304

JP 1990-181245 19900709



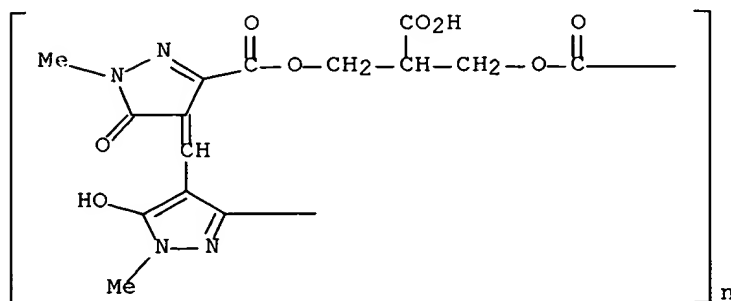
AB One or more photog. layers in the title material on a support contain a dye having general structure I (R1, R2 = a monovalent substituent; L1 to L2 = methine; l, k = 0 or 1; n .gtoreq.2; J = a divalent group). The title material shows excellent photog. characteristics.

IT 142876-24-2 142876-25-3

RL: USES (Uses)
(photog. dye)

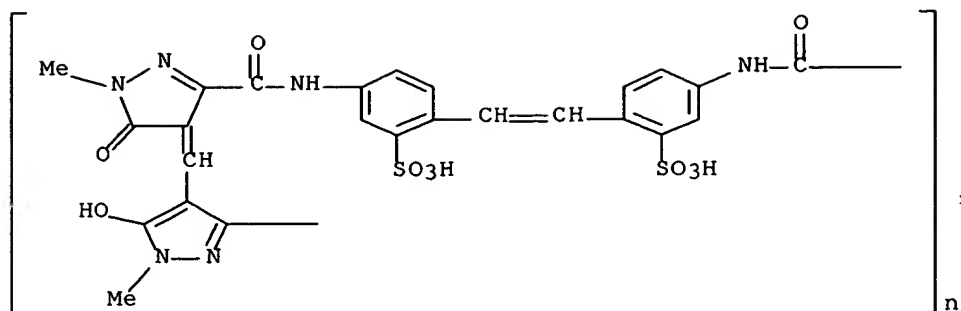
RN 142876-24-2 CAPLUS

CN Poly[(5-hydroxy-1-methyl-1H-pyrazole-3,4-diyl)methylidyne(1,5-dihydro-1-methyl-5-oxo-4H-pyrazol-3-yl-4-ylidene)carbonyloxy(2-carboxy-1,3-propanediyl)oxycarbonyl sodium salt] (9CI) (CA INDEX NAME)



RN 142876-25-3 CAPLUS

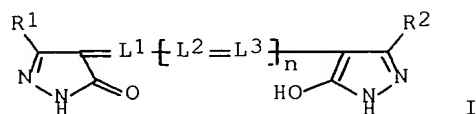
CN Poly[(5-hydroxy-1-methyl-1H-pyrazole-3,4-diyl)methylidyne(1,5-dihydro-1-methyl-5-oxo-4H-pyrazol-3-yl-4-ylidene)carbonylimino(3-sulfo-1,4-phenylene)-1,2-ethenediyl(2-sulfo-1,4-phenylene)iminocarbonyl disodium salt] (9CI) (CA INDEX NAME)



●2 Na

L4 ANSWER 111 OF 190 CAPLUS COPYRIGHT 2001 ACS
 AN 1992:479837 CAPLUS
 DN 117:79837
 TI Silver halide photographic material
 IN Usami, Takashi; Ohno, Shigeru; Idogaki, Yoko
 PA Fuji Photo Film Co., Ltd., Japan
 SO Eur. Pat. Appl., 86 pp.
 CODEN: EPXXDW
 DT Patent
 LA English
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	EP 460616	A1	19911211	EP 1991-109133	19910604
	EP 460616	B1	19961016		
	R: BE, DE, FR, GB, IT, NL				
	JP 04127143	A2	19920428	JP 1990-303170	19901108
	US 5238799	A	19930824	US 1992-946166	19920917
PRAI	JP 1990-145835		19900604		
	JP 1990-303170		19901108		
	US 1991-707569		19910603		
OS	MARPAT 117:79837				
GI					



AB A Ag halide photog. material contains a dispersion of fine solid grains
 of .gtoreq.1 dye having the formula I [R1, R2 = alkyl, aryl, CN, CO2R3,
 COR3,
 CONR4R5, NR4R5, NR4COR3, NR4COR3, NR4CONR4R5, OR3, SR3, SOR3, or SO2R3;
 R3
 = alkyl, aryl; R4, R5 = H, alkyl, aryl; and R3 and R4 and R4 and R5
 being

optionally bonded to each other to form a 5-membered or 6-membered ring; L1-3 = a methine group; n = 0 or 1; provided that R1, L1-3 must not have an ionizable proton-contg. group or a salt thereof]. The material preferably has, in addn., a dispersion of fine solid grains of .gtoreq.1 dye having .gtoreq.1 aryl group with a substituent selected from carboxylic acid, sulfonamido, and arylsulfamoyl groups. The dyes do not diffuse in the other layers and become decolored during development.

IT 142577-32-0 142577-33-1 142577-34-2

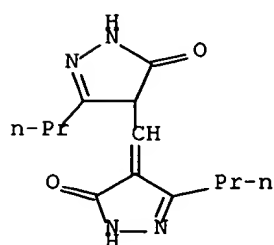
142577-35-3 142601-68-1 142601-69-2

RL: USES (Uses)

(photog. emulsions contg.)

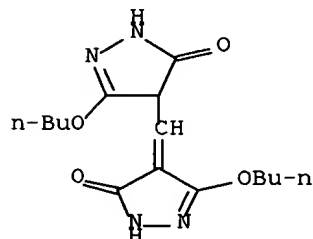
RN 142577-32-0 CAPLUS

CN 3H-Pyrazol-3-one, 4-[(1,5-dihydro-5-oxo-3-propyl-4H-pyrazol-4-ylidene)methyl]-2,4-dihydro- (9CI) (CA INDEX NAME)



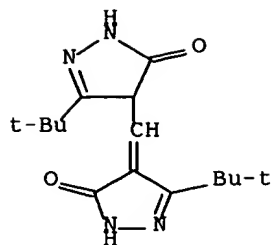
RN 142577-33-1 CAPLUS

CN 3H-Pyrazol-3-one, 5-butoxy-4-[(3-butoxy-1,5-dihydro-5-oxo-4H-pyrazol-4-ylidene)methyl]-2,4-dihydro- (9CI) (CA INDEX NAME)



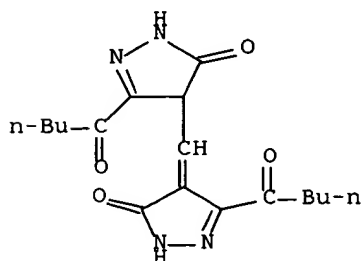
RN 142577-34-2 CAPLUS

CN 3H-Pyrazol-3-one, 5-(1,1-dimethylethyl)-4-[[3-(1,1-dimethylethyl)-1,5-dihydro-5-oxo-4H-pyrazol-4-ylidene]methyl]-2,4-dihydro- (9CI) (CA INDEX NAME)



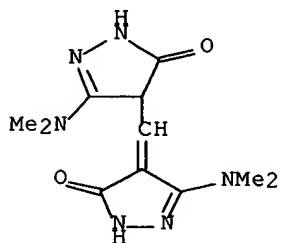
RN 142577-35-3 CAPLUS

CN 3H-Pyrazol-3-one, 4-[[1,5-dihydro-5-oxo-3-(1-oxopentyl)-4H-pyrazol-4-ylidene]methyl]-2,4-dihydro-5-(1-oxopentyl)- (9CI) (CA INDEX NAME)



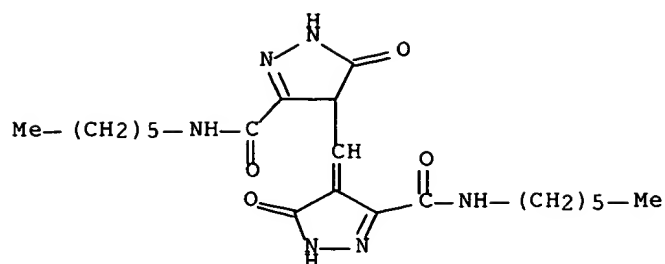
RN 142601-68-1 CAPLUS

CN 3H-Pyrazol-3-one, 5-(dimethylamino)-4-[[3-(dimethylamino)-1,5-dihydro-5-oxo-4H-pyrazol-4-ylidene]methyl]-2,4-dihydro- (9CI) (CA INDEX NAME)



RN 142601-69-2 CAPLUS

CN 1H-Pyrazole-3-carboxamide, N-hexyl-4-[[3-[(hexylamino)carbonyl]-1,5-dihydro-5-oxo-4H-pyrazol-4-ylidene]methyl]-4,5-dihydro-5-oxo- (9CI) (CA INDEX NAME)

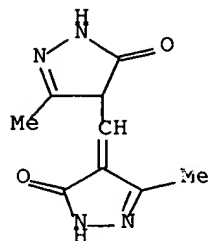


IT 68427-36-1P 142577-29-5P 142577-30-8P

RL: SPN (Synthetic preparation); PREP (Preparation)
(prepn. and use of, in photog. emulsions)

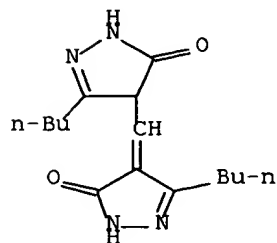
RN 68427-36-1 CAPLUS

CN 3H-Pyrazol-3-one, 4-[(4,5-dihydro-3-methyl-5-oxo-1H-pyrazol-4-ylidene)methyl]-2,4-dihydro-5-methyl- (9CI) (CA INDEX NAME)



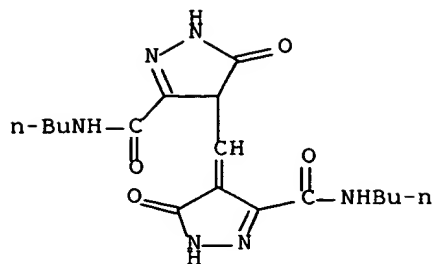
RN 142577-29-5 CAPLUS

CN 3H-Pyrazol-3-one, 5-butyl-4-[(3-butyl-1,5-dihydro-5-oxo-4H-pyrazol-4-ylidene)methyl]-2,4-dihydro- (9CI) (CA INDEX NAME)



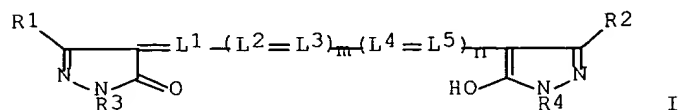
RN 142577-30-8 CAPLUS

CN 1H-Pyrazole-3-carboxamide, N-butyl-4-[[3-[(butylamino)carbonyl]-1,5-dihydro-5-oxo-4H-pyrazol-4-ylidene)methyl]-4,5-dihydro-5-oxo- (9CI) (CA INDEX NAME)

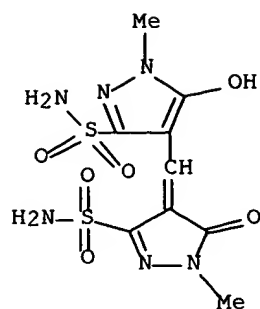


L4 ANSWER 112 OF 190 CAPLUS COPYRIGHT 2001 ACS
 AN 1992:265409 CAPLUS
 DN 116:265409
 TI Silver halide photographic material
 IN Kawashima, Yasuhiko; Usagawa, Yasushi; Kagawa, Nobuaki
 PA Konica Co., Japan
 SO Jpn. Kokai Tokkyo Koho, 16 pp.
 CODEN: JKXXAF
 DT Patent
 LA Japanese
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 03206441	A2	19910909	JP 1990-1784	19900109
GI					



AB A Ag halide photog. material has on a support at least one photog. layer contg. a solid microparticle dispersion of a pyrazolone oxonol dye (I; R1, R2 = substituent; R3, R4 = H, alkyl, cycloalkyl, alkenyl, aryl, heterocyclyl; L1-L5 = methane; m, n = 9, 1; provided that least one of R1-R4 has a sulfonamido and/or SO2NH2 group and the compd. has at least 2 sulfonamido and/or SO2NH2 groups) (prepn. given). The photog. material provides improved storage stability, little fog, and excellent image quality.
 IT **141565-89-1 141565-91-5**
 RL: USES (Uses)
 (oxonol photog. dye, crossover cut material, photog. film contg.)
 RN 141565-89-1 CAPLUS
 CN 1H-Pyrazole-3-sulfonamide, 4-[[3-(aminosulfonyl)-5-hydroxy-1-methyl-1H-pyrazol-4-yl]methylene]-4,5-dihydro-1-methyl-5-oxo- (9CI) (CA INDEX NAME)



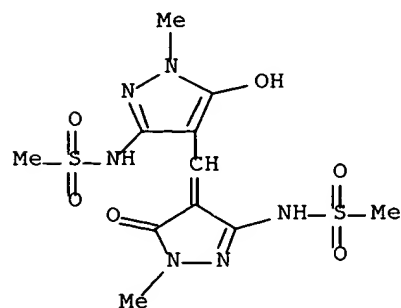
RN 141565-91-5 CAPLUS

CN Methanesulfonamide, N-[4-[[1,5-dihydro-1-methyl-3-

[(methylsulfonyl)amino]-

5-oxo-4H-pyrazol-4-ylidene]methyl]-5-hydroxy-1-methyl-1H-pyrazol-3-yl]-

(9CI) (CA INDEX NAME)



L4 ANSWER 113 OF 190 CAPLUS COPYRIGHT 2001 ACS

AN 1992:255564 CAPLUS

DN 116:255564

TI Nitriles in organic synthesis: synthesis of some new pyranopyrazoles, thienopyridines, biaryls and pyridazine derivatives

AU Harb, Abdel Fattah Ali

CS Fac. Sci., Assiut Univ., Assiut, Egypt

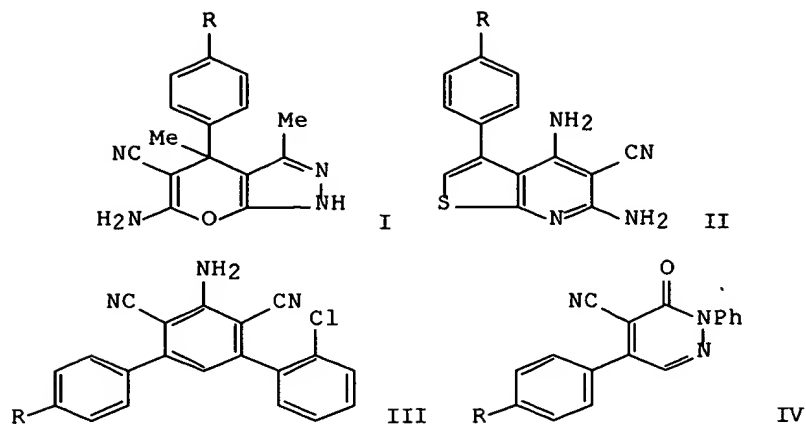
SO Bull. Fac. Sci., Assiut Univ. (1991), 20(2), 55-63

CODEN: BSAUDW; ISSN: 0366-4740

DT Journal

LA English

GI



AB Title compds., including I, II, III, and IV (R = NO₂, Me) were prepd. from

4-RC₆H₄CMe:C(CN)₂ (V). Thus, V cyclocondensed with 3-methyl-2-pyrazolin-5-

one in EtOH in the presence of piperidine to give 90% I.

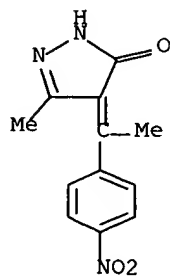
IT **141522-78-3 141522-89-6**

RL: RCT (Reactant)

(cycloaddn. reaction of, with malononitrile)

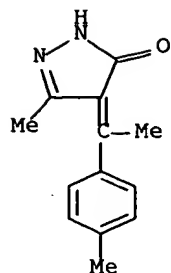
RN 141522-78-3 CAPLUS

CN 3H-Pyrazol-3-one, 2,4-dihydro-5-methyl-4-[1-(4-nitrophenyl)ethylidene]- (9CI) (CA INDEX NAME)

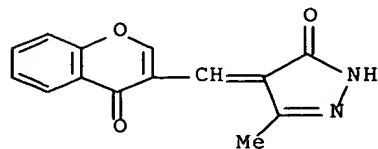


RN 141522-89-6 CAPLUS

CN 3H-Pyrazol-3-one, 2,4-dihydro-5-methyl-4-[1-(4-methylphenyl)ethylidene]- (9CI) (CA INDEX NAME)

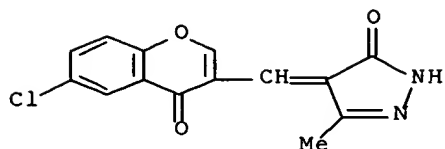


L4 ANSWER 114 OF 190 CAPLUS COPYRIGHT 2001 ACS
 AN 1992:255523 CAPLUS
 DN 116:255523
 TI Synthesis and pharmacological activities of 1-phenyl-3-[2-(chromon-3-yl)vinyl]pyrazolin-5(4H)-ones and 3-methyl-4-[(chromon-3-yl)methylene]pyrazolin-5(4H)-ones
 AU Achaiah, G.; Reddy, R. Raja; Jayamma, Y.; Reddy, V. M.
 CS Coll. Pharm. Sci., Kakatiya Univ., Warangal, 506 009, India
 SO Indian J. Pharm. Sci. (1991), 53(5), 197-200
 CODEN: IJSIDW; ISSN: 0250-474X
 DT Journal
 LA English
 OS CASREACT 116:255523
 AB Condensation reaction of 3-methylpyrazolin-5(4H)-one and 3-methyl-1-phenylpyrazolin-5(4H)-one with different 3-formylchromones was investigated. The former reaction resulted in 3-methyl-4-[(chromon-3-yl)methylene]pyrazolin-5(4H)-ones, whereas the latter yielded a mixt. of two products, viz, 3-methyl-1-phenyl-4-[(chromon-3-yl)methylene]pyrazolin-5(4H)-ones, and 1-phenyl-3-[2-(chromon-9-yl)vinyl]pyrazolin-5(4H)-ones.
 A few of the title compds. exhibit a significant antihistaminic activity.
 IT **141542-14-5P 141542-15-6P 141542-16-7P 141542-17-8P**
 RL: BAC (Biological activity or effector, except adverse); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation) (prepn. and antihistaminic activity of)
 RN 141542-14-5 CAPLUS
 CN 3H-Pyrazol-3-one, 2,4-dihydro-5-methyl-4-[(4-oxo-4H-1-benzopyran-3-yl)methylene]- (9CI) (CA INDEX NAME)



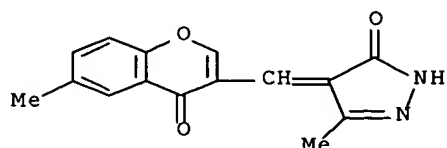
RN 141542-15-6 CAPLUS
 CN 3H-Pyrazol-3-one, 4-[(6-chloro-4-oxo-4H-1-benzopyran-3-yl)methylene]-2,4-

dihydro-5-methyl- (9CI) (CA INDEX NAME)



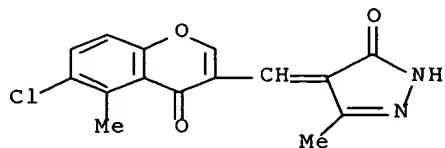
RN 141542-16-7 CAPLUS

CN 3H-Pyrazol-3-one, 2,4-dihydro-5-methyl-4-[(6-methyl-4-oxo-4H-1-benzopyran-3-yl)methylene]- (9CI) (CA INDEX NAME)



RN 141542-17-8 CAPLUS

CN 3H-Pyrazol-3-one, 4-[(6-chloro-5-methyl-4-oxo-4H-1-benzopyran-3-yl)methylene]-2,4-dihydro-5-methyl- (9CI) (CA INDEX NAME)



L4 ANSWER 115 OF 190 CAPLUS COPYRIGHT 2001 ACS

AN 1992:184510 CAPLUS

DN 116:184510

TI Color photographic material containing quick bleachable interlayers

IN Usami, Takashi

PA Fuji Photo Film Co., Ltd., Japan

SO Jpn. Kokai Tokkyo Koho, 28 pp.

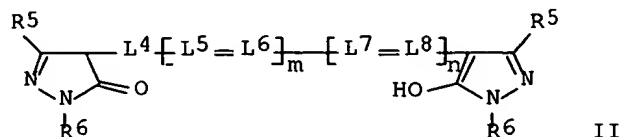
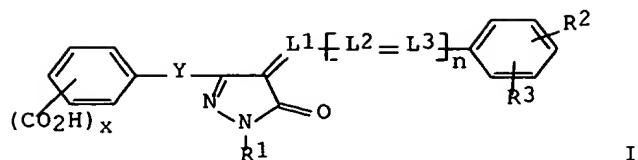
CODEN: JKXXAF

DT Patent

LA Japanese

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
	-----	----	-----	-----	-----
PI	JP 03216646	A2	19910924	JP 1990-13211	19900123
OS	MARPAT 116:184510				
GI					



AB The title photog. material has a hydrophilic colloid layer contg. as a dispersed fine solid powder .gtoreq.1 I [R1 = H, alkyl, aryl, acyl, heterocyclyl; R2, R3 = H, alkyl, OR4, (R4 = H, alkyl, aryl, aralkyl), NH2; x = 1-5; Y = bivalent group; L1-3 = methine, n = 0.1]. Besides I, the photog. material may also contain .gtoreq.1 II [R5 = H, alkyl, aryl, CN, CO2R7, COR7, CONR7R8, OR7, NHCOR7; R6 = H, alkyl, aryl; R7-8 = H, alkyl, aryl; L4-8 = methine; m, n = 0, 1]. Antihalation or filter layers using the above compds. as dyes will bleach quickly during development.

IT 140245-83-6 140245-84-7

RL: USES (Uses)

(dye, quick bleachable, color photog. interlayer contg.)

RN 140245-83-6 CAPLUS

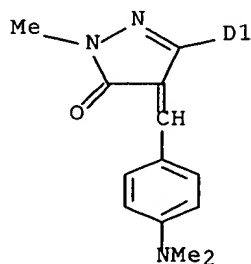
CN Benzoic acid, [4-[[4-(dimethylamino)phenyl]methylene]-4,5-dihydro-1-methyl-5-oxo-1H-pyrazol-3-yl]- (9CI) (CA INDEX NAME)

PAGE 1-A



D1-CO₂H

PAGE 2-A



RN 140245-84-7 CAPLUS

CN Benzoic acid, [4-[[4-(dimethylamino)-2-methylphenyl]methylene]-4,5-dihydro-

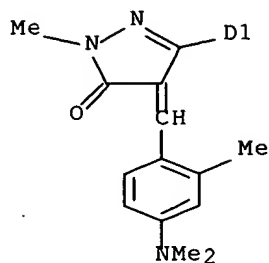
1-methyl-5-oxo-1H-pyrazol-3-yl]- (9CI) (CA INDEX NAME)

PAGE 1-A



D1-CO₂H

PAGE 2-A



L4 ANSWER 116 OF 190 CAPLUS COPYRIGHT 2001 ACS

AN 1992:162447 CAPLUS

DN 116:162447

TI Silver halide photographic material

IN Usami, Takashi

PA Fuji Photo Film Co., Ltd., Japan

SO Eur. Pat. Appl., 21 pp.

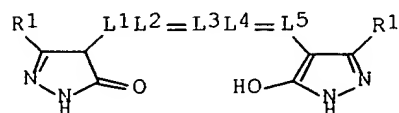
CODEN: EPXXDW

DT Patent

LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
	-----	---	-----	-----	-----
PI	EP 459456	A1	19911204	EP 1991-108816	19910529
	EP 459456	B1	19961211		
	R: BE, DE, FR, GB, IT, NL				
	JP 04037740	A2	19920207	JP 1990-143861	19900601
	US 5238798	A	19930824	US 1992-873981	19920427
PRAI	JP 1990-143861		19900601		
	US 1991-706689		19910529		
OS	MARPAT 116:162447				
GI					



I

AB A Ag halide photog. material is described having on a support a hydrophilic colloid layer contg. 1-pyrazoline-5-one oxonol dye in the form of a dispersion of fine solid particles and having the formula

I [R1 = H, aryl, cyano, halogen, -COOR2, -COR3, -CONR3R4, -OR2, -NHCOR3, or -NR3R4 (R2 represents an alkyl group or an aryl group and R3 and R4 each represents H, alkyl, or aryl); L1-5 each represents a methine group].

The dye is photochem. inactive and is easily washed out and/or decolorized in the processing step. The images have improved sharpness and less residual color.

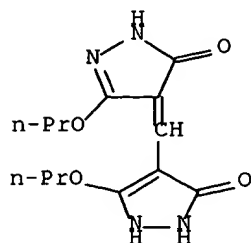
IT 139994-86-8

RL: USES (Uses)

(photog. film contg., for improved sharpness and less residual color)

RN 139994-86-8 CAPLUS

CN 3H-Pyrazol-3-one, 4-[(1,5-dihydro-5-oxo-3-propoxy-4H-pyrazol-4-ylidene)methyl]-1,2-dihydro-5-propoxy- (9CI) (CA INDEX NAME)



L4 ANSWER 117 OF 190 CAPLUS COPYRIGHT 2001 ACS

AN 1992:139991 CAPLUS

DN 116:139991

TI Method for photographic color image formation

IN Takada, Shun; Kajiwara, Makoto

PA Konica Co., Japan

SO Jpn. Kokai Tokkyo Koho, 18 pp.

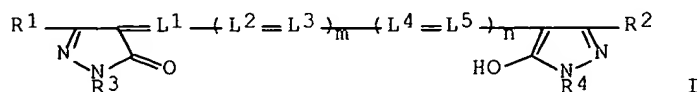
CODEN: JKXXAF

DT Patent

LA Japanese

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 03135554	A2	19910610	JP 1989-274434	19891020
GI					



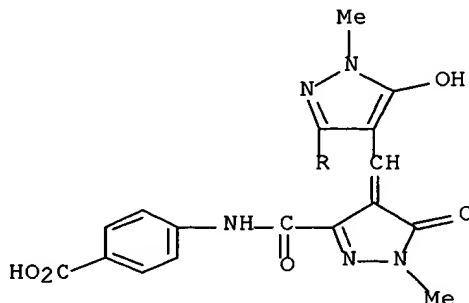
AB The title method comprises (a) developing Ag halide color photog. material

which has a max. reflective d. of .gtoreq.0.5 before development and contains a compd. I (R1, R2 = CN, CFR5R6, COR7, CO2R7, etc.; R5, R6 = H, F, alkyl, alkenyl, aryl; or R5 and R6 may together form a 5- or 6-membered ring; R7 = H, alkyl, aryl; R3, R4 = H, an aliph. group, heterocyclyl, etc.; L1 to L5 = a methine group; m, n = 0 or 1), (b) treating the said photog. material with a fixing soln., (c) treating the said material with a stabilizing soln. contg. 1 .times. 10-3 mol/L sulfite in the presence of a diaminostilbene deriv. The process described in (c) is a substitute process for the washing of the said photog. material by water. The title method gives excellent color images.

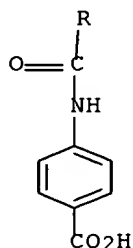
IT 130260-48-9 139477-63-7 139477-64-8
 RL: USES (Uses)
 (color photog. materials contg.)

RN 130260-48-9 CAPLUS
 CN Benzoic acid, 4-[[[4-[[3-[[[(4-carboxyphenyl)amino]carbonyl]-1,5-dihydro-1-methyl-5-oxo-4H-pyrazol-4-ylidene]methyl]-5-hydroxy-1-methyl-1H-pyrazol-3-yl]carbonyl]amino]- (9CI) (CA INDEX NAME)

PAGE 1-A



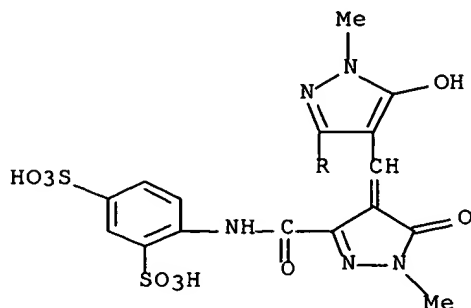
PAGE 2-A



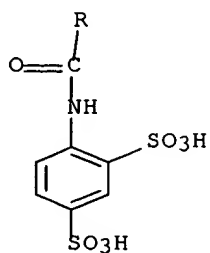
RN 139477-63-7 CAPLUS
 CN 1,3-Benzenedisulfonic acid, 4-[[[4-[[3-[[[(2,4-disulfophenyl)amino]carbonyl]-1,5-dihydro-1-methyl-5-oxo-4H-pyrazol-4-

ylidene)methyl]-5-hydroxy-1-methyl-1H-pyrazol-3-yl]carbonyl]amino]-,
tetrapotassium salt (9CI) (CA INDEX NAME)

PAGE 1-A



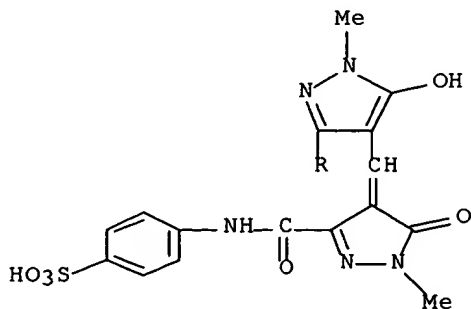
PAGE 2-A

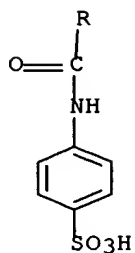


● 4 K

RN 139477-64-8 CAPLUS
CN Benzenesulfonic acid, 4-[[[4,5-dihydro-4-[[5-hydroxy-1-methyl-3-[[(4-sulfophenyl)amino]carbonyl]-1H-pyrazol-4-yl]methylene]-1-methyl-5-oxo-1H-pyrazol-3-yl]carbonyl]amino]-, disodium salt (9CI) (CA INDEX NAME)

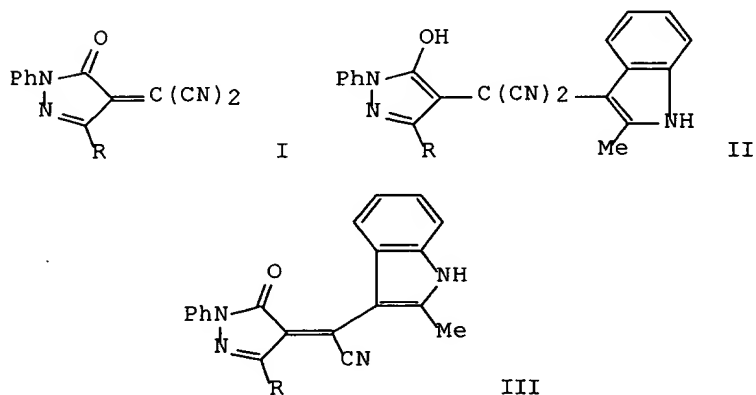
PAGE 1-A





●2 Na

L4 ANSWER 118 OF 190 CAPLUS COPYRIGHT 2001 ACS
 AN 1992:83587 CAPLUS
 DN 116:83587
 TI Syntheses with nitriles. IXC. Preparation, structure, and color of
 4-[(cyano)indolylmethylene]- and 4-[(cyano)pyrrolylmethylene]
 -1H-pyrazol-5(4H)-ones
 AU Dworczak, Renate; Fabian, Walter M. F.; Sterk, Heinz; Kratky, Christoph;
 Junek, Hans
 CS Inst. Org. Chem., Karl-Franzens-Univ., Graz, 8010, Austria
 SO Liebigs Ann. Chem. (1992), (1), 7-14
 CODEN: LACHDL; ISSN: 0170-2041
 DT Journal
 LA English
 OS CASREACT 116:83587
 GI



AB (Dicyanomethylene)pyrazolones I (R = Me, Ph) reacted with some indoles
 and pyrroles. The resulting disubstituted malononitriles, e.g. II, yield
 cyanomethylene compds., e.g. III, by irreversible thermal or photochem.
 decompn. The compds. exist in different isomeric forms. Structures are

proven by NMR spectroscopy and x-ray anal. UV-bis data are discussed by means of AM1 and INDO/S-CI calcns.

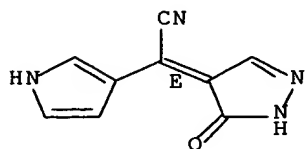
IT 137123-66-1 137123-67-2 137123-68-3
137123-69-4

RL: PROC (Process)
(AM1 and INDO/S-CI of)

RN 137123-66-1 CAPLUS

CN 1H-Pyrrole-3-acetonitrile, .alpha.-(1,5-dihydro-5-oxo-4H-pyrazol-4-ylidene)-, (E)- (9CI) (CA INDEX NAME)

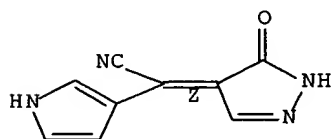
Double bond geometry as shown.



RN 137123-67-2 CAPLUS

CN 1H-Pyrrole-3-acetonitrile, .alpha.-(1,5-dihydro-5-oxo-4H-pyrazol-4-ylidene)-, (Z)- (9CI) (CA INDEX NAME)

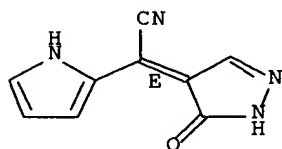
Double bond geometry as shown.



RN 137123-68-3 CAPLUS

CN 1H-Pyrrole-2-acetonitrile, .alpha.-(1,5-dihydro-5-oxo-4H-pyrazol-4-ylidene)-, (E)- (9CI) (CA INDEX NAME)

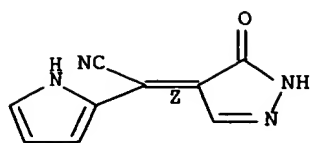
Double bond geometry as shown.



RN 137123-69-4 CAPLUS

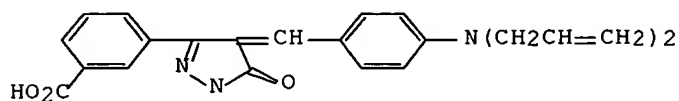
CN 1H-Pyrrole-2-acetonitrile, .alpha.-(1,5-dihydro-5-oxo-4H-pyrazol-4-ylidene)-, (Z)- (9CI) (CA INDEX NAME)

Double bond geometry as shown.

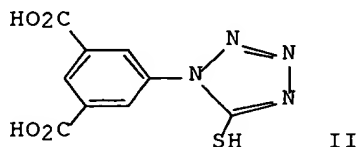


L4 ANSWER 119 OF 190 CAPLUS COPYRIGHT 2001 ACS
 AN 1992:72191 CAPLUS
 DN 116:72191
 TI Silver halide photographic materials for automatic processing
 IN Inoue, Kiyoshi; Usagawa, Yasushi
 PA Konica Co., Japan
 SO Jpn. Kokai Tokkyo Koho, 18 pp.
 CODEN: JKXXAF
 DT Patent
 LA Japanese
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 03231240	A2	19911015	JP 1990-26866	19900206
	JP 2864263	B2	19990303		
OS	MARPAT 116:72191				
GI					



I



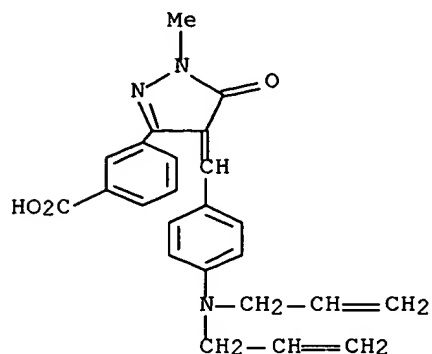
II

AB Photog. layer(s) of the title materials contain finely dispersed particles of compds. A:L1(L2:L3)mB, and emulsion layer(s) contain derivs. of 1-phenyl-5-mercaptotetrazole (A = acidic nucleus of 2-pyrazolin-
 Typically these materials are processed in roller-transport automatic processing system under conditions $10.75 \cdot t = 50-125$ and $0.7 < l < 4.0$, where l is the length of the transport and t is the time required for passage in s. The use of the benzylidene or cinnamylidene nondiffusing dyes and the 1-phenyl-5-mercaptotetrazole derivs. provide processed products with low fog, high sharpness and free of unevenness by processing.

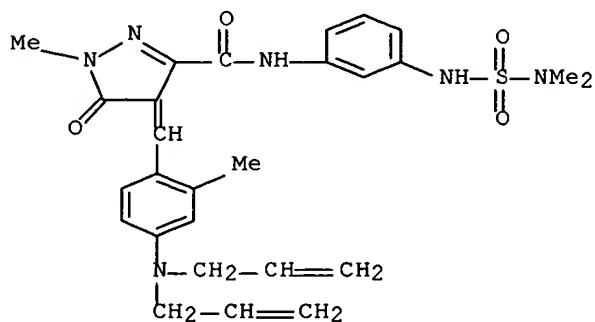
Thus, processing a color photog. material having a crossover-cut layer between the undercoat and emulsion layer contg. dispersed dye I and emulsion layer contg. II was processed under described conditions and showed the advantages.

IT 138558-95-9 138558-98-2
 RL: USES (Uses)

(nondiffusing dye in automatic processed photog. materials)
 RN 138558-95-9 CAPLUS
 CN Benzoic acid, 3-[4-[[4-(di-2-propenylamino)phenyl]methylene]-4,5-dihydro-1-methyl-5-oxo-1H-pyrazol-3-yl]- (9CI) (CA INDEX NAME)



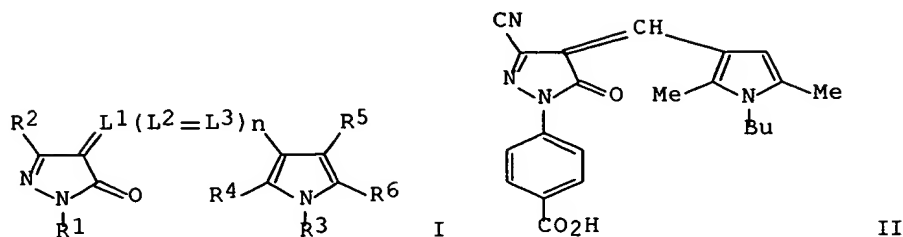
RN 138558-98-2 CAPLUS
 CN 1H-Pyrazole-3-carboxamide, N-[3-[[(dimethylamino) sulfonyl] amino]phenyl]-4-[[4-(di-2-propenylamino)-2-methylphenyl]methylene]-4,5-dihydro-1-methyl-5-oxo- (9CI) (CA INDEX NAME)



L4 ANSWER 120 OF 190 CAPLUS COPYRIGHT 2001 ACS
 AN 1991:666719 CAPLUS
 DN 115:266719
 TI Silver halide photographic materials
 IN Ohashi, Hirobumi; Kawashima, Yasuhiko; Kagawa, Nobuaki
 PA Konica Co., Japan
 SO Jpn. Kokai Tokkyo Koho, 25 pp.
 CODEN: JKXXAF
 DT Patent
 LA Japanese
 FAN.CNT 1

PATENT NO. KIND DATE APPLICATION NO. DATE

PI	JP 03144438	A2	19910619	JP 1989-282512	19891030
	JP 2852440	B2	19990203		
OS	MARPAT 115:266719				
GI					



AB The title materials have layer(s) contg. dispersion of H2O-insol. compds.

I (R1 = alkyl, alkenyl, aryl, heterocyclyl; R2, R4-R6 = H, alkyl(oxy), alkenyl, aryl(oxy), heterocyclyl, carboxy, amino, carbamoyl, aminocarbonyl, ureido, oxycarbonyl, acyl, sulfonamido, sulfamoyl, sulfonyl, sulfinyl, alkylthio, arylthio, cyano; R3 = alkyl, alkenyl, aryl,

heterocyclyl, amino; L1-L3 = methine; n = 0-2). I are nondiffusing yellow

filter dyes which substitute yellow colloidal Ag in filter layers and provide lower fog and high storage stability, without affecting photog. performance. Thus, a 13-layer color film was prepd.; its 9th layer, a yellow filter layer, was formed by coating a dispersion contg. dye II

(0.3

g/m2), gelatin, tricresyl phosphate, antistaining agent, and alkylnaphthalene sulfonate. Exposed film was processed normally and showed very low fog and 92% retention of sensitivity to blue after 3-day storage at 55.degree., 80% relative humidity.

IT 137461-52-0 137461-67-7 137461-68-8

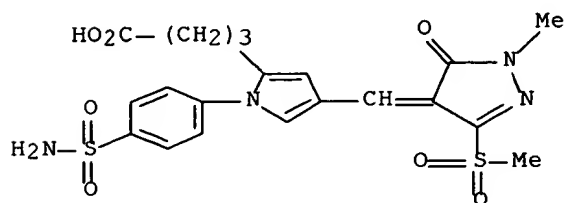
RL: USES (Uses)

(yellow dye, water-insol., photog. film with filter layer contg. dispersed)

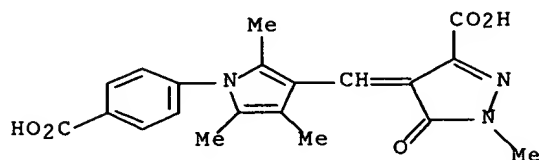
RN 137461-52-0 CAPLUS

CN 1H-Pyrrole-2-butanoic acid, 1-[4-(aminosulfonyl)phenyl]-4-[[1,5-dihydro-1-

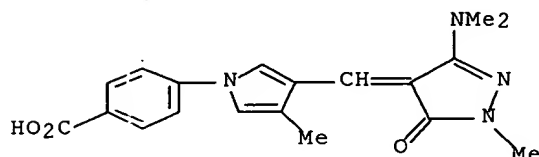
methyl-3-(methylsulfonyl)-5-oxo-4H-pyrazol-4-ylidene]methyl]- (9CI) (CA INDEX NAME)



RN 137461-67-7 CAPLUS
 CN 1H-Pyrazole-3-carboxylic acid, 4-[[1-(4-carboxyphenyl)-2,4,5-trimethyl-
 1H-pyrrol-3-yl]methylene]-4,5-dihydro-1-methyl-5-oxo- (9CI) (CA INDEX
 NAME)



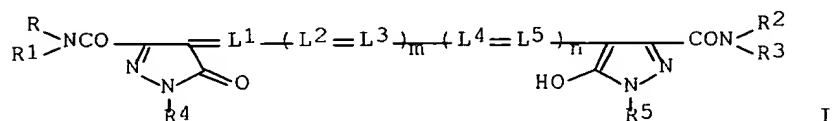
RN 137461-68-8 CAPLUS
 CN Benzoic acid, 4-[3-[[3-(dimethylamino)-1,5-dihydro-1-methyl-5-oxo-4H-
 pyrazol-4-ylidene]methyl]-4-methyl-1H-pyrrol-1-yl]- (9CI) (CA INDEX
 NAME)



L4 ANSWER 121 OF 190 CAPLUS COPYRIGHT 2001 ACS
 AN 1991:460721 CAPLUS
 DN 115:60721
 TI Silver halide photographic material suitable for rapid processing
 IN Murai, Kazuhiro; Takada, Shun; Kawashima, Yasuhiko; Kagawa, Nobuaki
 PA Konica Co., Japan
 SO Jpn. Kokai Tokkyo Koho, 17 pp.
 CODEN: JKXXAF
 DT Patent
 LA Japanese
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 02222942	A2	19900905	JP 1989-305013	19891124
	JP 2835625	B2	19981214		
PRAI	JP 1988-297724		19881124		

GI

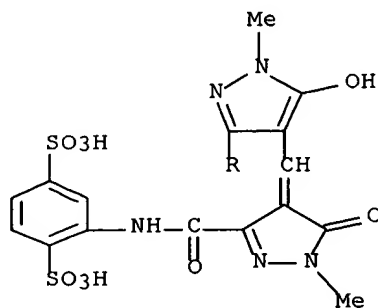


AB At least .gtoreq.1 Ag halide emulsion layer on a reflective substrate
has
av. grain diam. 0.3-1.2 .mu.m, and contains AgCl .gtoreq.90 mol% and a
compd. (I) (R, R1-3 = H, alkyl, aryl, alkenyl, heterocyclyl; R4, R5 =
alkyl, alkenyl, cycloalkyl; the combinations R and R1, and R2 and R3
cannot be H at the same time, and may form a ring together; .gtoreq.1 of
R
and R1-5 contains a hydrophilic moiety; L1-5 = methine; and m, n = 0,
1),
and reflection d. of the material at 680 nm prior to development is
.gtoreq.0.6. The material contg. compd. I in spectrally sensitized
emulsion layers gives sharp images, and also gives temp., moisture, and
processing stabilities.

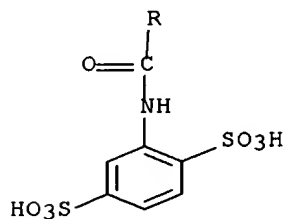
IT 130260-47-8 130260-49-0
RL: USES (Uses)
(silver halide photog. emulsion layer contg., suitable for rapid
processing)

RN 130260-47-8 CAPLUS
CN 1,4-Benzenedisulfonic acid, 2-[[[4-[[3-[[[(2,5-
disulfophenyl)amino]carbonyl]-1,5-dihydro-1-methyl-5-oxo-4H-pyrazol-4-
ylidene]methyl]-5-hydroxy-1-methyl-1H-pyrazol-3-yl]carbonyl]amino]-,
tetrapotassium salt (9CI) (CA INDEX NAME)

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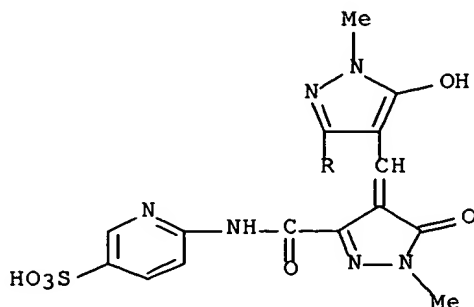


●4 K

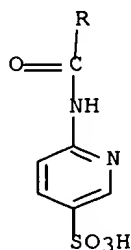
RN 130260-49-0 CAPLUS
CN 3-Pyridinesulfonic acid, 6-[[[4,5-dihydro-4-[[5-hydroxy-1-methyl-3-[[[(5-oxo-1-methyl-1H-pyrazol-4-ylidene)methyl]-5-hydroxy-1-methyl-1H-pyrazol-3-yl]carbonyl]amino]-, tetrapotassium salt (9CI) (CA INDEX NAME)

sulfo-2-pyridinyl]amino]carbonyl]-1H-pyrazol-4-yl)methylene]-1-methyl-5-oxo-1H-pyrazol-3-yl]carbonyl]amino]-, dipotassium salt (9CI) (CA INDEX NAME)

PAGE 1-A



PAGE 2-A

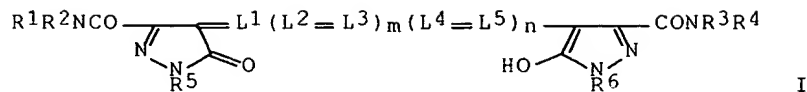


●2 K

L4 ANSWER 122 OF 190 CAPLUS COPYRIGHT 2001 ACS
AN 1991:237531 CAPLUS
DN 114:237531
TI Silver halide photographic material containing oxonol dye
IN Tai, Akiyoshi; Takada, Shun; Murai, Kazuhiro
PA Konica Co., Japan
SO Eur. Pat. Appl., 45 pp.
CODEN: EPXXDW
DT Patent
LA English
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
	-----	----	-----	-----	-----
PI	EP 388908	A1	19900926	EP 1990-105288	19900321
	EP 388908	B1	19960522		
	R: DE, FR, GB, NL				
	JP 03007932	A2	19910116	JP 1990-71239	19900320
PRAI	JP 1989-73008		19890324		
OS	MARPAT 114:237531				

GI



AB A Ag halide photog. material which is rapidly processable and provides images of high sharpness suited for back-lighting display comprises Ag halide grains having a AgCl content .gtoreq.80 mol% and an oxonol dye represented by the formula I (R¹-6 = H, alkyl, aryl, alkenyl, or a heterocyclic group; L¹-5 = a methine group; m, n = 0 or 1). The photog. material may further contain colloidal Ag or Mn and the support of the photog. material is preferably made of a polyester, a polyamide, poly(vinyl alc.), poly(vinyl chloride), poly(vinyl acetate), cellulose acetate, polyacrylonitrile, polymethacrylonitrile, a poly(alkyl acrylate), a poly(alkyl methacrylate), poly(vinyl alkylate), or a poly(vinyl alkyl ether).

IT 130260-47-8 130260-48-9 130260-49-0

RL: USES (Uses)

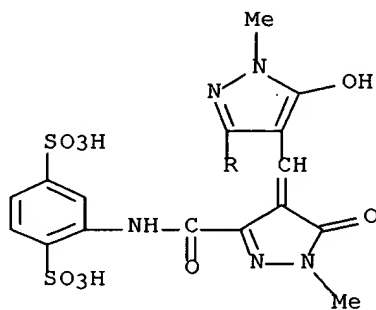
(rapid-processing silver halide photog. films contg., for

transparency)

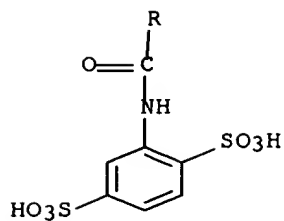
RN 130260-47-8 CAPLUS

CN 1,4-Benzenedisulfonic acid, 2-[[[4-[[3-[(2,5-disulfophenyl)amino]carbonyl]-1,5-dihydro-1-methyl-5-oxo-4H-pyrazol-4-ylidene]methyl]-5-hydroxy-1-methyl-1H-pyrazol-3-yl]carbonyl]amino]-, tetrapotassium salt (9CI) (CA INDEX NAME)

PAGE 1-A



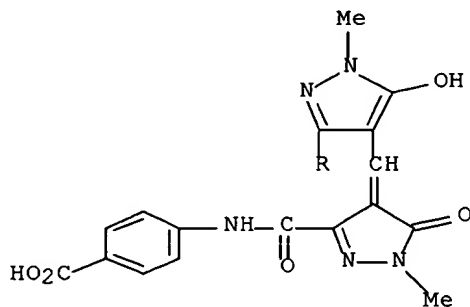
PAGE 2-A



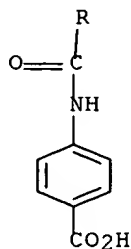
● 4 K

RN 130260-48-9 CAPLUS
 CN Benzoic acid, 4-[[[4-[[3-[[{(4-carboxyphenyl)amino]carbonyl]-1,5-dihydro-
 1-methyl-5-oxo-4H-pyrazol-4-ylidene)methyl]-5-hydroxy-1-methyl-1H-pyrazol-
 3-yl]carbonyl]amino]- (9CI) (CA INDEX NAME)

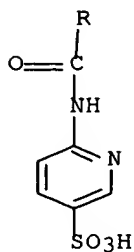
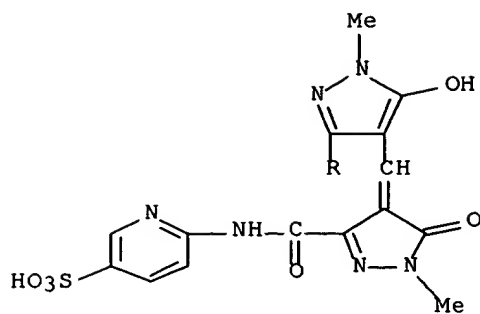
PAGE 1-A



PAGE 2-A

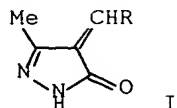


RN 130260-49-0 CAPLUS
 CN 3-Pyridinesulfonic acid, 6-[[[4,5-dihydro-4-[[5-hydroxy-1-methyl-3-[[{(5-sulfo-2-pyridinyl)amino]carbonyl]-1H-pyrazol-4-yl)methylene]-1-methyl-5-oxo-1H-pyrazol-3-yl]carbonyl]amino]-, dipotassium salt (9CI) (CA INDEX NAME)



●2 K

L4 ANSWER 123 OF 190 CAPLUS COPYRIGHT 2001 ACS
 AN 1991:207117 CAPLUS
 DN 114:207117
 TI Synthesis and mass spectra of 3-methyl-4-aryl(alkyl)idene-2-pyrazolin-5-one derivatives
 AU Younes, Mansour I.; El-Naggar, Galal M.; Metwally, Saoud A.
 CS Fac. Sci., Assiut Univ., Egypt
 SO Bull. Fac. Sci., Assiut Univ. (1990), 19(2), 13-22
 CODEN: BSAUDW; ISSN: 0366-4740
 DT Journal
 LA English
 GI



AB Title pyrazolinones I (R = Me, Ph, C₆H₄R₁-4; R₁ = OH, OMe, Cl, NO₂) were prepd. and their mass spectra were detd. The spectra are discussed both from the point of view of understanding the processes involved in the

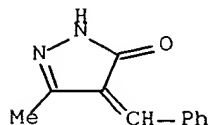
fragmentation of such compds. and compared with those known for oxazole, isoxazole and thiazole analogs.

IT 68761-49-9P 68761-51-3P 76074-80-1P
91436-10-1P 133665-43-7P

RL: PRP (Properties); SPN (Synthetic preparation); PREP (Preparation)
(prepn. and mass spectrum of)

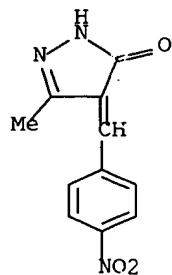
RN 68761-49-9 CAPLUS

CN 3H-Pyrazol-3-one, 2,4-dihydro-5-methyl-4-(phenylmethylene)- (9CI) (CA
INDEX NAME)



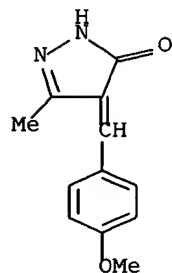
RN 68761-51-3 CAPLUS

CN 3H-Pyrazol-3-one, 2,4-dihydro-5-methyl-4-[(4-nitrophenyl)methylene]-
(9CI)
(CA INDEX NAME)



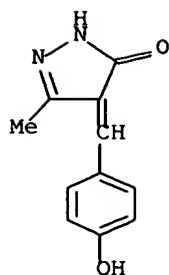
RN 76074-80-1 CAPLUS

CN 3H-Pyrazol-3-one, 2,4-dihydro-4-[(4-methoxyphenyl)methylene]-5-methyl-
(9CI) (CA INDEX NAME)

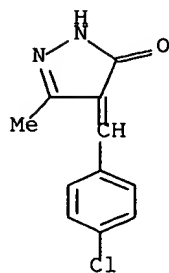


RN 91436-10-1 CAPLUS

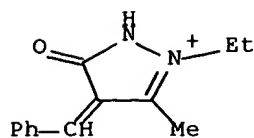
CN 3H-Pyrazol-3-one, 2,4-dihydro-4-[(4-hydroxyphenyl)methylene]-5-methyl-
(9CI) (CA INDEX NAME)



RN 133665-43-7 CAPLUS
 CN 3H-Pyrazol-3-one, 4-[(4-chlorophenyl)methylene]-2,4-dihydro-5-methyl-
 (9CI) (CA INDEX NAME)

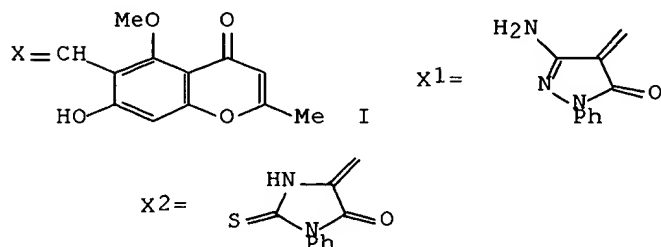


L4 ANSWER 124 OF 190 CAPLUS COPYRIGHT 2001 ACS
 AN 1991:145429 CAPLUS
 DN 114:145429
 TI Electronic absorption spectral studies on new synthesized monomethine cyanine dyes
 AU Koraïem, A. I. M.; Girgis, M. M.; Khalil, Z. H.; Abu El-Hamd, R. M.
 CS Chem. Dep., Aswan-Fac. Sci., Aswan, Egypt
 SO Indian J. Technol. (1990), 28(10), 580-6
 CODEN: IJOTA8; ISSN: 0019-5669
 DT Journal
 LA English
 GI For diagram(s), see printed CA Issue.
 AB I and II [R = H, MeO, NO₂, OH; A = N-ethyl-1-phenylpyrazoline, N-ethyl-1(H)-pyrazoline, N-ethyloxazoline] were prepd., and UV and visible absorption spectra were studied. Mol. complex formation with EtOH was verified through mixed solvent studies. Electronic transitions were due to either locally excited or predominantly charge transfer states.
 IT **132268-49-6**
 RL: RCT (Reactant)
 (reaction of, with methylquinolinium iodide)
 RN 132268-49-6 CAPLUS
 CN 1H-Pyrazolium, 2-ethyl-4,5-dihydro-3-methyl-5-oxo-4-(phenylmethylene)-, iodide (9CI) (CA INDEX NAME)

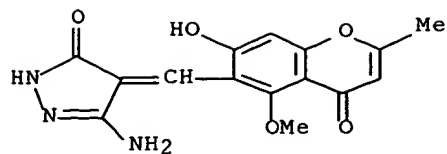


● I⁻

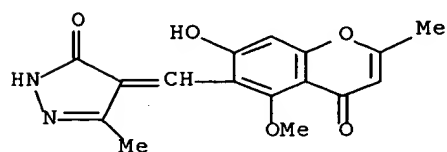
L4 ANSWER 125 OF 190 CAPLUS COPYRIGHT 2001 ACS
 AN 1991:121965 CAPLUS
 DN 114:121965
 TI Synthesis of several new chromone derivatives and their antibacterial activity
 AU Gohar, Abdel Kerim M. N.
 CS Fac. Sci., El-Minia Univ., El-Minia, Egypt
 SO Egypt. J. Chem. (1990), Volume Date 1988, 31(3), 367-74
 CODEN: EGJCA3; ISSN: 0367-0422
 DT Journal
 LA English
 GI



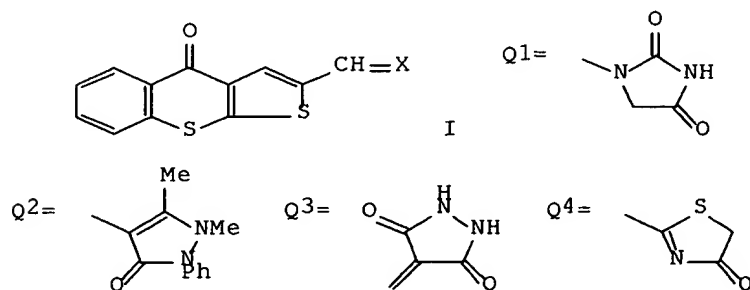
AB Treatment of aldehyde I (X = O) with active methylene compds. gave pyrazolylidene, imidazolylidene, and pyrimidinylidene derivs. and some thiazolylpyranobenzopyrans. The products have bactericidal activity, I (X = X1) being most active against Staphylococcus aureus and I (X = X2) against Escherichia coli.
 IT **132609-40-6P 132609-42-8P**
 RL: BAC (Biological activity or effector, except adverse); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation) (prepn. and bactericidal activity of)
 RN 132609-40-6 CAPLUS
 CN 3H-Pyrazol-3-one, 5-amino-2,4-dihydro-4-[(7-hydroxy-5-methoxy-2-methyl-4-oxo-4H-1-benzopyran-6-yl)methylene]- (9CI) (CA INDEX NAME)



RN 132609-42-8 CAPLUS
 CN 3H-Pyrazol-3-one, 2,4-dihydro-4-[(7-hydroxy-5-methoxy-2-methyl-4-oxo-4H-
 1-benzopyran-6-yl)methylene]-5-methyl- (9CI) (CA INDEX NAME)

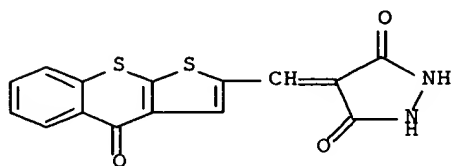


L4 ANSWER 126 OF 190 CAPLUS COPYRIGHT 2001 ACS
 AN 1991:101897 CAPLUS
 DN 114:101897
 TI Thienobenzothiopyranones. III. New 4H-thieno[2,3-b][1]benzothiopyran-4-
 ones carrying different heterocyclic moieties of expected
 pharmacological
 interest
 AU El-Subbagh, H. I.; El-Emam, A. A.; El-Ashmawy, M. B.; Shehata, I. A.
 CS Fac. Pharm., Univ. Mansoura, Mansoura, Egypt
 SO Arch. Pharmacol Res. (1990), 13(1), 24-7
 CODEN: APHRDQ; ISSN: 0253-6269
 DT Journal
 LA English
 GI



AB Reaction of the thienobenzothiopyranone I (X = O) with several
 heterocyclic amines afforded the corresponding Schiff's bases, e.g. I (X
 =

NQ1, NQ2). Reaction of I (X = O) with (EtO₂C)₂CH₂, NCCH₂CO₂Et, and (NC)₂CH₂ gave I [X = C(CO₂Et)₂, C(CN)CO₂Et, C(CN)₂], resp. I [X = C(CO₂Et)₂] cyclized with H₂NNH₂ to give pyrazolidin-3,4-dione deriv. I (X = Q3), whereas I [X = C(CN)CO₂Et] was converted to thiazolin-4-one derivs.
 I [X = CQ₄COR₁, R₁ = OEt, NHMe, NH₂Et, NHPr, NHBu).
IT 132165-04-9P
 RL: SPN (Synthetic preparation); PREP (Preparation) (prepn. of)
 RN 132165-04-9 CAPLUS
 CN 3,5-Pyrazolidinedione, 4-[(4-oxo-4H-thieno[2,3-b][1]benzothiopyran-2-yl)methylene]- (9CI) (CA INDEX NAME)



L4 ANSWER 127 OF 190 CAPLUS COPYRIGHT 2001 ACS
 AN 1991:14831 CAPLUS
 DN 114:14831
 TI Silver halide photographic materials containing phenol and pyrazole derivatives
 IN Murai, Kazuhiro; Takada, Shun; Kawashima, Yasuhiko; Kagawa, Nobuaki
 PA Konica Co., Japan
 SO Jpn. Kokai Tokkyo Koho, 19 pp.
 CODEN: JKXXAF
 DT Patent
 LA Japanese
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
	-----	---	-----	-----	-----
PI	JP 02143245	A2	19900601	JP 1988-297725	19881124
GI					

* STRUCTURE DIAGRAM TOO LARGE FOR DISPLAY - AVAILABLE VIA OFFLINE PRINT *

AB The title materials contain phenol deriv. I (R₁ = alkyl, aryl; R₂ = alkyl, cycloalkyl, aryl, heterocyclyl; R₃ = H, halo, alkyl, alkoxy; or R₁R₃ = ring; Z = H, or group to be released upon reaction with an oxidized arom. primary amine developer) as coupler and pyrazole deriv. II [R₁ - R₄ = H, (substituted) alkyl, aryl, alkenyl, heterocyclyl; R₅, R₆ = alkyl, alkenyl, cycloalkyl; provisions are given; L₁-L₅ = methine; m, n = 0 or 1] as dye.

The title materials are very stable and are useful for quick photog. processing. III (R = Q1) is an example of I. IV (R = Q2) is an example of II.

IT 130161-75-0 130925-82-5

RL: TEM (Technical or engineered material use); USES (Uses)
(silver halide photog. material contg.)

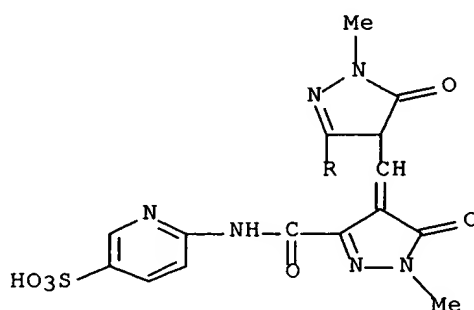
RN 130161-75-0 CAPLUS

CN 3-Pyridinesulfonic acid, 6-[[[4-[[1,5-dihydro-1-methyl-5-oxo-3-[(5-sulfo-2-pyridinyl)amino]carbonyl]-4H-pyrazol-4-ylidene)methyl]-4,5-dihydro-1-methyl-5-oxo-1H-pyrazol-3-yl]carbonyl]amino]-, dipotassium salt (9CI)

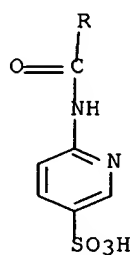
(CA

INDEX NAME)

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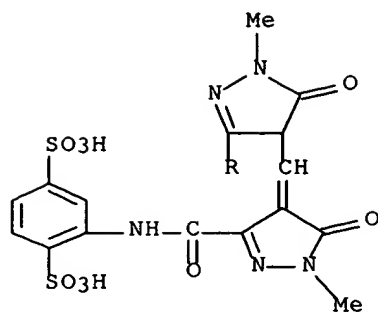


● 2 K

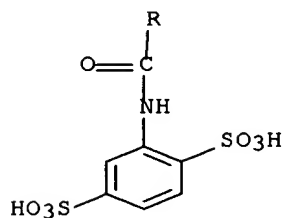
RN 130925-82-5 CAPLUS

CN 1,4-Benzenedisulfonic acid, 2-[[[4-[[3-[(2,5-disulfophenyl)amino]carbonyl]-1,5-dihydro-1-methyl-5-oxo-4H-pyrazol-4-ylidene)methyl]-4,5-dihydro-1-methyl-5-oxo-1H-pyrazol-3-yl]carbonyl]amino]-, tetrapotassium salt (9CI) (CA INDEX NAME)

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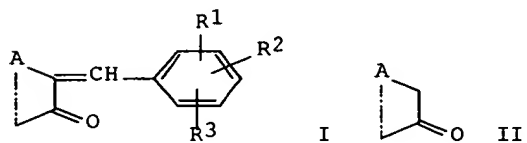
PAGE 2-A



● 4 K

L4 ANSWER 128 OF 190 CAPLUS COPYRIGHT 2001 ACS
 AN 1990:641512 CAPLUS
 DN 113:241512
 TI UV absorber for photoresist
 IN Yasui, Shigeo; Kato, Yuzo
 PA Japanese Research Institute for Photosensitizing Pigment Co., Ltd.,
 Japan
 SO Jpn. Kokai Tokkyo Koho, 5 pp.
 CODEN: JKXXAF
 DT Patent
 LA Japanese
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 02073880	A2	19900313	JP 1988-227328	19880909
GI					

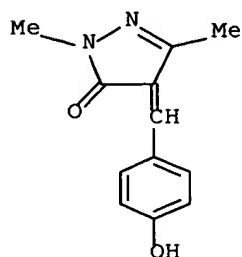


AB The title UV absorber is I [R1, R2, R3 = H, OH, alkyl, alkoxy, halogen, nitro, mono- or di-alkyl-substituted amino, carboxyl (including an ester bond); II = a nucleus with a ketomethylene bond]. The UV absorber is esp. useful for a pos.-working photoresist.

IT **130682-98-3P**
 RL: PREP (Preparation)
 (prepn. of, as UV absorber for pos.-working photoresist)

RN 130682-98-3 CAPLUS

CN 3H-Pyrazol-3-one, 2,4-dihydro-4-[(4-hydroxyphenyl)methylene]-2,5-dimethyl-
 (9CI) (CA INDEX NAME)



L4 ANSWER 129 OF 190 CAPLUS COPYRIGHT 2001 ACS

AN 1990:601274 CAPLUS

DN 113:201274

TI Silver halide photographic materials containing oxonol dyes for halation and irradiation prevention

IN Kawashima, Yasuhiko; Tanaka, Mari; Kojima, Tamotsu; Kagawa, Nobuaki

PA Konica Co., Japan

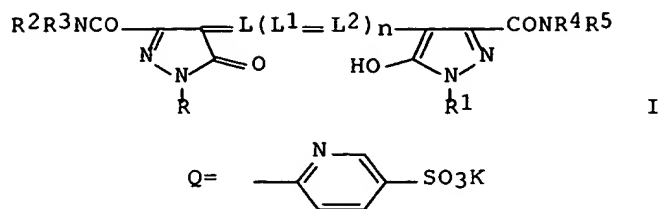
SO Jpn. Kokai Tokkyo Koho, 22 pp.
 CODEN: JKXXAF

DT Patent

LA Japanese

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
	-----	----	-----	-----	-----
PI	JP 02093534	A2	19900404	JP 1988-244254	19880930
	JP 2639830	B2	19970813		
	US 4960686	A	19901002	US 1989-413305	19890927
	EP 361949	A3	19901227	EP 1989-309955	19890929
	R: DE, GB				
PRAI	JP 1988-244254		19880930		
GI					



AB The material contains a water-sol. oxonol dye I (R, R¹ = H, alkyl, aryl, alkenyl; R²-5 = H, alkyl, aryl, alkenyl, heterocycle; .gtoreq.1 of R²-5 is heterocycle; R² and R³, R⁴ and R⁵ may form heterocycle; R, R¹-6 may be substituted, .gtoreq.1 of the R, R¹-5 has water-sol. group; L, L¹, L² = (un)substituted methine; n = 0, 1, 2). The dye is easily washed out during processing and leaves little color stain on the processed material.

Thus, a multilayer chromogenic color paper prepd. by incorporating compd.

I (R = R¹ = Me; R² = R⁴ = H; R³ = R⁵ = Q; L = L¹ = L² = CH; n = 2) into the red-sensitive layer and the adjacent interlayer, showed fogging and staining resistance at the unexposed parts.

IT **130161-75-0**

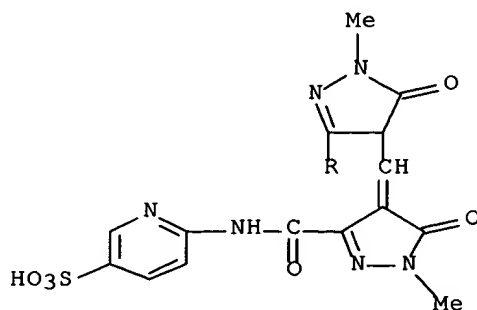
RL: USES (Uses)
(photog. sensitizers)

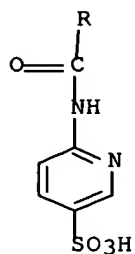
RN 130161-75-0 CAPLUS

CN 3-Pyridinesulfonic acid, 6-[[[4-[[[1,5-dihydro-1-methyl-5-oxo-3-[(5-sulfo-2-pyridinyl)amino]carbonyl]-4H-pyrazol-4-ylidene]methyl]-4,5-dihydro-1-methyl-5-oxo-1H-pyrazol-3-yl]carbonyl]amino]-, dipotassium salt (9CI)

(CA
INDEX NAME)

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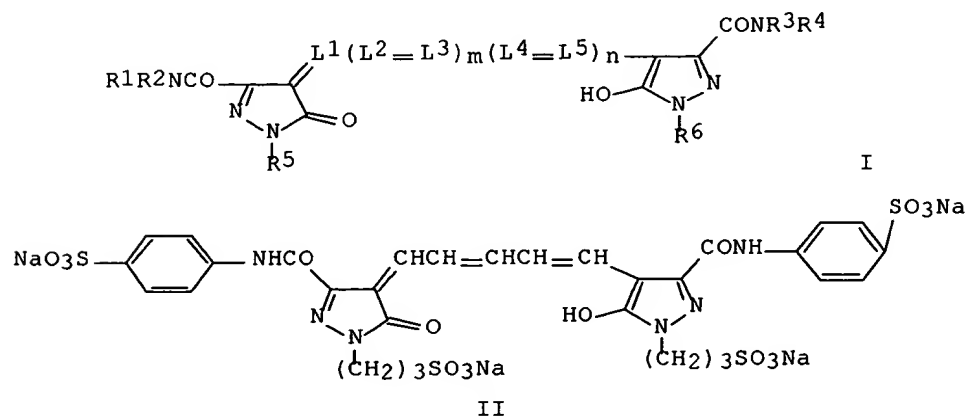




● 2 K

L4 ANSWER 130 OF 190 CAPLUS COPYRIGHT 2001 ACS
 AN 1990:601273 CAPLUS
 DN 113:201273
 TI Photographic materials for rapid processing
 IN Murai, Kazuhiro; Kawashima, Yasuhiko; Takada, Shun; Kagawa, Nobuaki
 PA Konica Co., Japan
 SO Jpn. Kokai Tokkyo Koho, 16 pp.
 CODEN: JKXXAF
 DT Patent
 LA Japanese
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 02097940	A2	19900410	JP 1988-250713	19881004
	US 4996138	A	19910226	US 1989-414711	19890929
	EP 362734	A3	19910102	EP 1989-118152	19890930
	EP 362734	B1	19960327		
	R: DE, FR, GB, IT, NL				
PRAI	JP 1988-250713		19881004		
GI					



AB The title materials have .gtoreq.1 layer contg. Ag(Cl,Br) particles with
a

AgCl content .gtoreq.90 mol% and a AgBr content .gtoreq. 0.05 mol%, and
contain dyes of the structure I (R1-R6 = H, alkyl, aryl, alkenyl,
heterocyclyl; R1 and R2 and R3 and R4 are not simultaneously H;

.gtoreq.1

of R1-R6 are hydrophilic groups or contain a hydrophilic group; L1-L5 =
methine; m, n = 0, 1). These dyes are inert to sensitized emulsions
suitable for rapid processing, and are completely removable during
processing. Thus, a polyethylene-coated base paper was coated
simultaneously with a red-sensitive emulsion layer (AgCl 90, AgBr 10
mol%), and a protective layer contg. the dye II, poly(vinylpyrrolidone),
gelatin, and hardening agent. The resulting photog. paper was
sensitometrically exposed and treated by rapid processing, to show high
sensitivity, low fog, and high image sharpness.

IT 130260-47-8 130260-48-9 130260-49-0

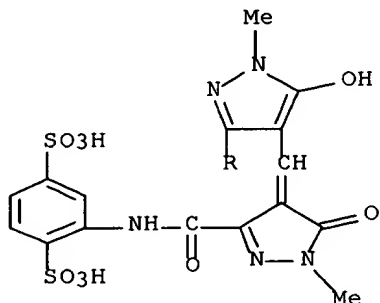
RL: USES (Uses)

(photog. paper contg., for rapid processing)

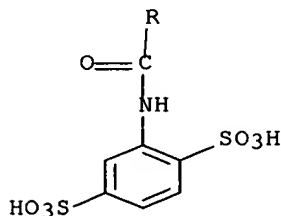
RN 130260-47-8 CAPLUS

CN 1,4-Benzenedisulfonic acid, 2-[[[4-[[3-[[[(2,5-
disulfophenyl)amino]carbonyl]-1,5-dihydro-1-methyl-5-oxo-4H-pyrazol-4-
ylidene]methyl]-5-hydroxy-1-methyl-1H-pyrazol-3-yl]carbonyl]amino]-,
tetrapotassium salt (9CI) (CA INDEX NAME)

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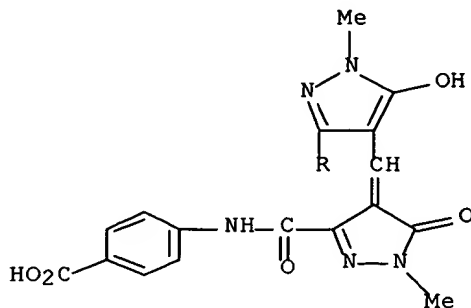


●4 K

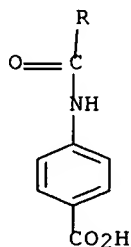
RN 130260-48-9 CAPLUS

CN Benzoic acid, 4-[[[4-[[3-[[4-carboxyphenyl]amino]carbonyl]-1,5-dihydro-
 1- methyl-5-oxo-4H-pyrazol-4-ylidene]methyl]-5-hydroxy-1-methyl-1H-pyrazol-
 3- yl]carbonyl]amino]- (9CI) (CA INDEX NAME)

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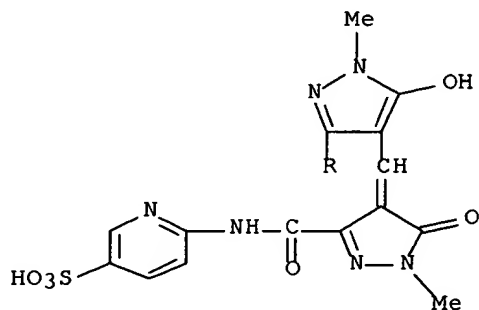


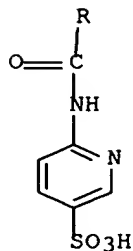
PAGE 2-A



RN 130260-49-0 CAPLUS
 CN 3-Pyridinesulfonic acid, 6-[[[4,5-dihydro-4-[[5-hydroxy-1-methyl-3-[[5-sulfo-2-pyridinyl]amino]carbonyl]-1H-pyrazol-4-yl]methylene]-1-methyl-5-oxo-1H-pyrazol-3-yl]carbonyl]amino]-, dipotassium salt (9CI) (CA INDEX NAME)

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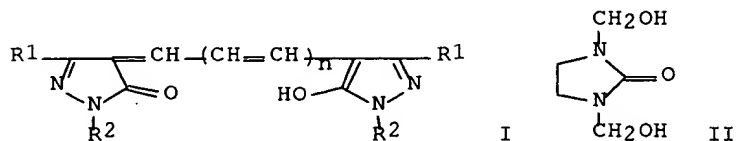


● 2 K

L4 ANSWER 131 OF 190 CAPLUS COPYRIGHT 2001 ACS
 AN 1990:129093 CAPLUS
 DN 112:129093
 TI Silver halide photographic material containing halation- and irradiation-inhibiting dye
 IN Terajima, Eiichi; Iwanaga, Katsuaki; Sumi, Seiichi
 PA Mitsubishi Paper Mills, Ltd., Japan
 SO Jpn. Kokai Tokkyo Koho, 5 pp.
 CODEN: JKXXAF
 DT Patent
 LA Japanese
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 01239547	A2	19890925	JP 1988-68451	19880322
	JP 06027931	B4	19940413		

GI

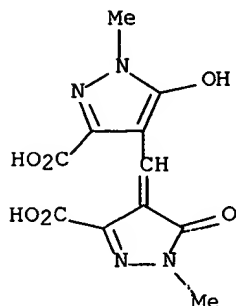


AB The title material contains a pyrazolone- and oxypyrazole-contg. cyanine dye I (n = 0; R1 = alkyl, CO2H, aryl, alkoxy-carbonyl, aryloxy-carbonyl;

R2 = alkyl, aryl, sulfonic acid group- or CO2H-substituted alkyl, sulfonic acid group- or CO2H-substituted aryl), I (n = 1), and an aldehyde-type compd. in 1 layer. The dyes have decoloration property and show reduced fluctuation of concn. in manufg. the material. Thus, an Ag halide photog.

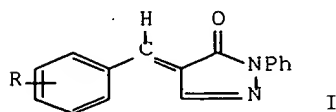
emulsion material having a hydrophilic colloidal backing layer contg. I (R1 = Me, R2 = SO3K, n = 0), I (R1 = CO2Et, R2 = Me, n = 1), and aldehyde-type compd. II was exposed and developed to give an image showing

prevention of halation effect.
 IT 125748-08-5
 RL: USES (Uses)
 (halation and irradiation inhibitor, photog. emulsion contg.)
 RN 125748-08-5 CAPLUS
 CN 1H-Pyrazole-3-carboxylic acid, 4-[(3-carboxy-5-hydroxy-1-methyl-1H-pyrazol-4-yl)methylene]-4,5-dihydro-1-methyl-5-oxo-, disodium salt (9CI) (CA INDEX NAME)



●2 Na

L4 ANSWER 132 OF 190 CAPLUS COPYRIGHT 2001 ACS
 AN 1990:54629 CAPLUS
 DN 112:54629
 TI Solvent effect as the result of frontier molecular-orbital interaction.
 Part 3. Hetero Diels-Alder reaction with inverse electron demand
 between
 4-arylidene-pyrazol-5-ones and isobutyl vinyl ether
 AU Burdisso, Marina; Desimoni, Giovanni; Faita, Giuseppe; Righetti,
 Pierpaolo; Tacconi, Gianfranco
 CS Dip. Chem. Org., Univ. Pavia, Pavia, 27100, Italy
 SO J. Chem. Soc., Perkin Trans. 2 (1989), (7), 845-50
 CODEN: JCPKBH; ISSN: 0300-9580
 DT Journal
 LA English
 OS CASREACT 112:54629
 GI



AB The rate of the hetero Diels-Alder reaction between arylidenepyrazolones
 I
 (R = p-NO₂, o-OMe) and iso-Bu vinyl ether (II) has been detd. in
 different

solvents and a correlation between kinetic data and the solvent acceptor no. has been found. This is interpreted in terms of FMO interactions between the solvent and the hetero diene which det. the LUMO energy of the solvated pyrazolones. Primary and secondary aliph. alcs., the high acceptor nos. of which result from their acidity due to hydrogen bonding, are also involved in significant coordination to the vinyl ether. This results in a neg. contribution to the rate. The stereoselectivity of the reaction between I (R = p-NO₂) and II is found to be a function of the solvent and these data, and of those taken from the literature for the reaction of cyclopentadiene and Me acrylate derivs. This in turn suggests that in Diels-Alder reactions the solvent behaves as an electrophile which coordinates to either diene or dienophile, or both, depending on their MO parameters.

IT 124829-07-8

RL: RCT (Reactant)

(protonation of, CNDO/2 calcn. of regiochem. of)

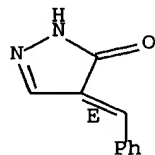
RN 124829-07-8 CAPLUS

CN 3H-Pyrazol-3-one, 2,4-dihydro-4-(phenylmethylene)-, (E)- (9CI) (CA

INDEX

NAME)

Double bond geometry as shown.



L4 ANSWER 133 OF 190 CAPLUS COPYRIGHT 2001 ACS

AN 1990:38331 CAPLUS

DN 112:38331

TI (Cyanoarylidene)pyrazolones as magenta dye donors for thermal dye transfer

IN Evans, Steven; Weber, Helmut

PA Eastman Kodak Co., USA

SO U.S., 7 pp.

CODEN: USXXAM

DT Patent

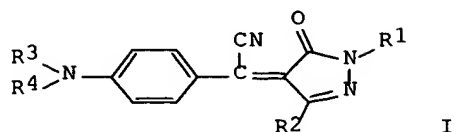
LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
	-----	----	-----	-----	-----
PI	US 4839336	A	19890613	US 1988-168838	19880316
	EP 332923	A2	19890920	EP 1989-103484	19890228
	EP 332923	A3	19900516		
	EP 332923	B1	19920506		

R: AT, BE, CH, DE, ES, FR, GB, GR, IT, LI, LU, NL, SE

AT 75668	E	19920515	AT 1989-103484	19890228
JP 02006559	A2	19900110	JP 1989-63425	19890315
JP 06019034	B4	19940316		
PRAI US 1988-168838		19880316		
EP 1989-103484		19890228		
OS MARPAT 112:38331				
GI				

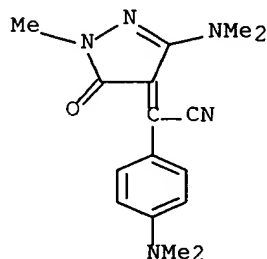


AB The title dyes I [R1 = (substituted) alkyl, cycloalkyl, aryl; R2 = (substituted) alkoxy, aryloxy, amino; R3, R4 = R1 or form a ring] or annelated derivs. have good hues and light fastness. A PET film was coated with 0.36 mmol dye/m² mixt. of I (R1 = Ph; R2 = Me₂N; R3, R4 = Et) (absorption max. 536 nm), cellulose acetate (ratio 1:2.6), and surfactant and used to print a receptor film at peak power 1.3 W/dot and max. total energy 9.6 mJ/dot, giving Status A Green D. (highest step) 1.6 and loss after High-intensity Daylight fading (7 days) 16%; vs. 1.3 and 44, resp., with I (R1 = Ph; R2 = Me; R3, R4 = Me).

IT **124621-38-1**
 RL: USES (Uses)
 (dyes, for inks for thermal transfer printing)

RN 124621-38-1 CAPLUS

CN Benzeneacetonitrile, 4-(dimethylamino)-.alpha.-[3-(dimethylamino)-1,5-dihydro-1-methyl-5-oxo-4H-pyrazol-4-ylidene]- (9CI) (CA INDEX NAME)



L4 ANSWER 134 OF 190 CAPLUS COPYRIGHT 2001 ACS

AN 1989:439711 CAPLUS

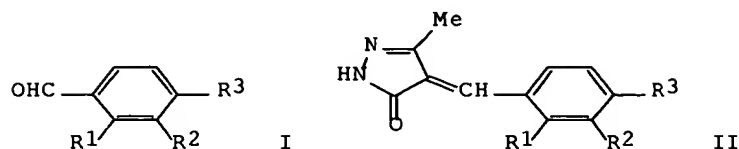
DN 111:39711

TI Synthesis and antiinflammatory activity of some glycosidated 4-benzylidene-3-methylpyrazolin-5-(4H)-ones

AU Jain, S. M.; Devi, Sunita; Bani, S.; Singh, Surjit; Singh, G. B.

CS Reg. Res. Lab., Jammu Tawi, 180001, India

SO Indian J. Chem., Sect. B (1988), 27B(11), 1019-23
 CODEN: IJSBDB; ISSN: 0376-4699
 DT Journal
 LA English
 OS CASREACT 111:39711
 GI



AB The substituted hydroxybenzaldehyde 2,3,4,6-tetra-O-acetyl-.beta.-D-glucopyranosides I [R1 = H, 2,3,4,6-tetra-O-acetyl-.beta.-D-glucopyranosyloxy (Q); R2 = OMe, OEt, H, NO2, Q; R3 = H, OMe, Q], obtained

by stereospecific synthesis using phase transfer catalysis, on condensation with 3-methylpyrazolin-5(4H)-one in the presence of piperidine gave the title compds. II. The effect of various phase transfer catalysts on the prepn. of I was studied. II were tested for their antiinflammatory activity. II (R1 = H, R2 = OMe, R3 = Q) showed encouraging antiinflammatory activity.

IT 121358-48-3P 121358-49-4P 121358-50-7P
 121358-51-8P 121358-52-9P 121358-53-0P
 121358-54-1P 121358-55-2P

RL: BAC (Biological activity or effector, except adverse); SPN

(Synthetic

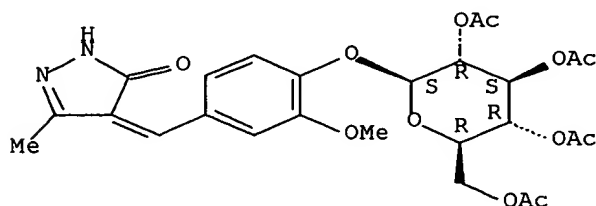
preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
 (prepn. and antiinflammatory activity of)

RN 121358-48-3 CAPLUS

CN 3H-Pyrazol-3-one, 2,4-dihydro-4-[[3-methoxy-4-[(2,3,4,6-tetra-O-acetyl-.beta.-D-glucopyranosyl)oxy]phenyl]methylene]-5-methyl- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

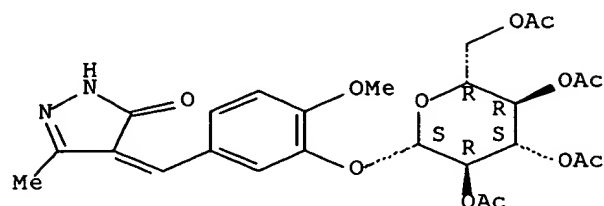
Double bond geometry unknown.



RN 121358-49-4 CAPLUS

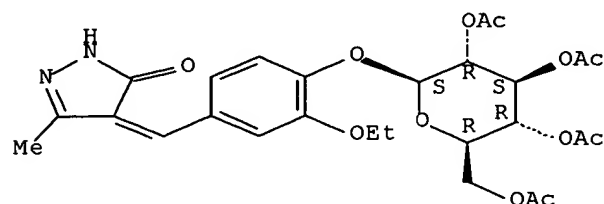
CN 3H-Pyrazol-3-one, 2,4-dihydro-4-[[4-methoxy-3-[(2,3,4,6-tetra-O-acetyl-.beta.-D-glucopyranosyl)oxy]phenyl]methylene]-5-methyl- (9CI) (CA INDEX NAME)

Absolute stereochemistry.
Double bond geometry unknown.



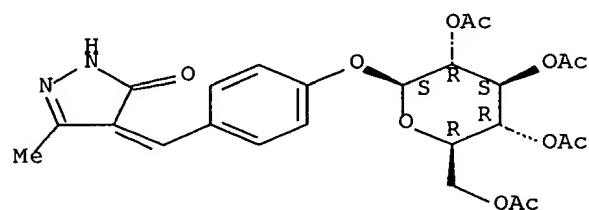
RN 121358-50-7 CAPLUS
CN 3H-Pyrazol-3-one, 4-[[3-ethoxy-4-[(2,3,4,6-tetra-O-acetyl-.beta.-D-glucopyranosyl)oxy]phenyl]methylene]-2,4-dihydro-5-methyl- (9CI) (CA INDEX NAME)

Absolute stereochemistry.
Double bond geometry unknown.



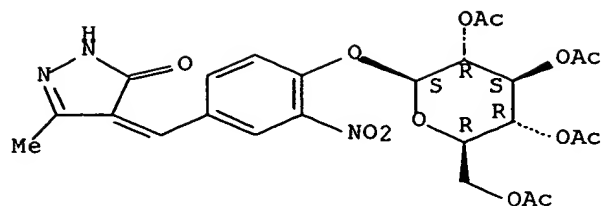
RN 121358-51-8 CAPLUS
CN 3H-Pyrazol-3-one, 2,4-dihydro-5-methyl-4-[[4-[(2,3,4,6-tetra-O-acetyl-.beta.-D-glucopyranosyl)oxy]phenyl]methylene]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.
Double bond geometry unknown.



RN 121358-52-9 CAPLUS
CN 3H-Pyrazol-3-one, 2,4-dihydro-5-methyl-4-[[3-nitro-4-[(2,3,4,6-tetra-O-acetyl-.beta.-D-glucopyranosyl)oxy]phenyl]methylene]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.
Double bond geometry unknown.

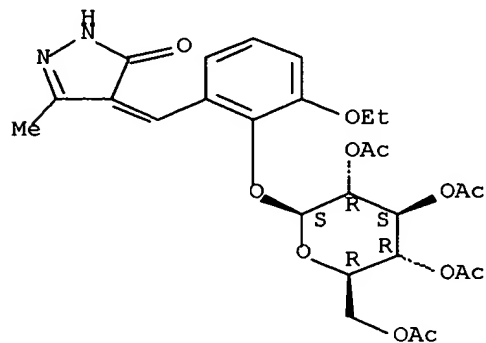


RN 121358-53-0 CAPLUS

CN 3H-Pyrazol-3-one, 4-[[3-ethoxy-2-[(2,3,4,6-tetra-O-acetyl-.beta.-D-glucopyranosyl)oxy]phenyl]methylene]-2,4-dihydro-5-methyl- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

Double bond geometry unknown.

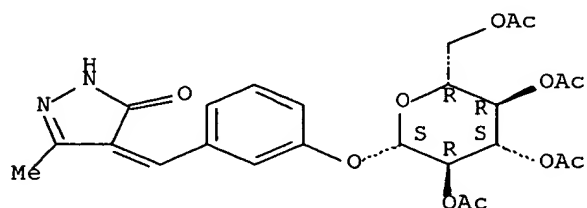


RN 121358-54-1 CAPLUS

CN 3H-Pyrazol-3-one, 2,4-dihydro-5-methyl-4-[[3-[(2,3,4,6-tetra-O-acetyl-.beta.-D-glucopyranosyl)oxy]phenyl]methylene]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

Double bond geometry unknown.

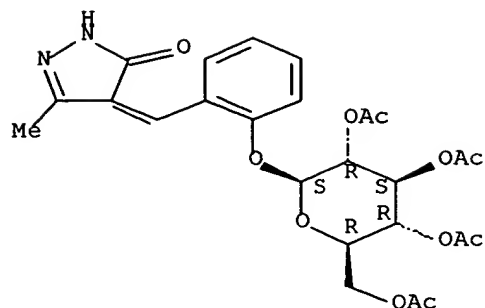


RN 121358-55-2 CAPLUS

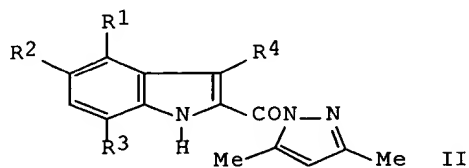
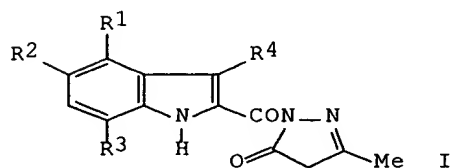
CN 3H-Pyrazol-3-one, 2,4-dihydro-5-methyl-4-[[2-[(2,3,4,6-tetra-O-acetyl-.beta.-D-glucopyranosyl)oxy]phenyl]methylene]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

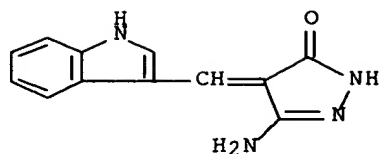
Double bond geometry unknown.



L4 ANSWER 135 OF 190 CAPLUS COPYRIGHT 2001 ACS
 AN 1989:212675 CAPLUS
 DN 110:212675
 TI Synthesis of various pyrazole-1-carbonylindoles
 AU Hiremath, Shivayogi P.; Ullagaddi, Ashok; Sekhar, K. Raja; Purohit, Muralidhar G.
 CS Dep. Chem., Gulbarga Univ., Gulbarga, 585 106, India
 SO Indian J. Chem., Sect. B (1988), 27B(8), 758-62
 CODEN: IJSBDB; ISSN: 0376-4699
 DT Journal
 LA English
 OS CASREACT 110:212675
 GI

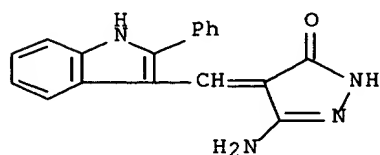


AB 2-Indolecarbohydrazides were treated with $\text{MeCOCH}_2\text{CO}_2\text{Et}$ to give
 pyrazolinones I ($\text{R}_1 = \text{H, Me}$; $\text{R}_2 = \text{OMe, Me, Cl, Br H, OEt}$; $\text{R}_3 = \text{H Me}$; R_4
 =
 Me, Ph, H). Pyrazoles II were prep'd. from hydrazides and $\text{MeCOCH}_2\text{COMe}$.
 IT **69008-55-5P 120607-77-4P 120607-78-5P**
120607-79-6P 120607-80-9P 120607-81-0P
120607-95-6P 120607-96-7P 120607-97-8P
120607-98-9P
 RL: SPN (Synthetic preparation); PREP (Preparation)
 (prepn. of)
 RN 69008-55-5 CAPLUS
 CN 3H-Pyrazol-3-one, 5-amino-2,4-dihydro-4-(1H-indol-3-ylmethylene)- (9CI)
 (CA INDEX NAME)



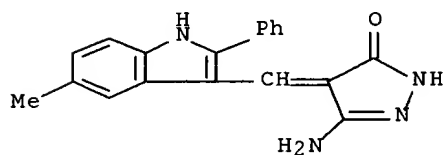
RN 120607-77-4 CAPLUS

CN 3H-Pyrazol-3-one, 5-amino-2,4-dihydro-4-[(2-phenyl-1H-indol-3-yl)methylene]- (9CI) (CA INDEX NAME)



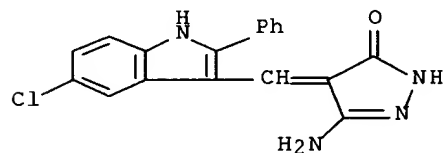
RN 120607-78-5 CAPLUS

CN 3H-Pyrazol-3-one, 5-amino-2,4-dihydro-4-[(5-methyl-2-phenyl-1H-indol-3-yl)methylene]- (9CI) (CA INDEX NAME)



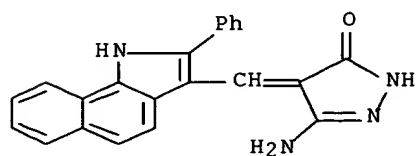
RN 120607-79-6 CAPLUS

CN 3H-Pyrazol-3-one, 5-amino-4-[(5-chloro-2-phenyl-1H-indol-3-yl)methylene]-2,4-dihydro- (9CI) (CA INDEX NAME)

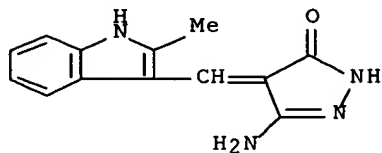


RN 120607-80-9 CAPLUS

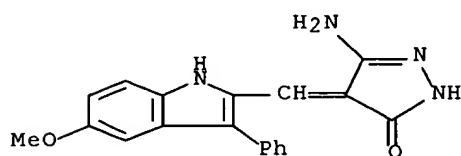
CN 3H-Pyrazol-3-one, 5-amino-2,4-dihydro-4-[(2-phenyl-1H-benz[g]indol-3-yl)methylene]- (9CI) (CA INDEX NAME)



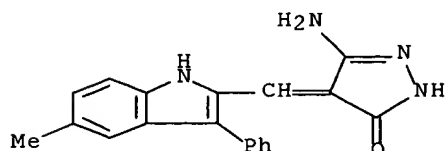
RN 120607-81-0 CAPLUS
CN 3H-Pyrazol-3-one, 5-amino-2,4-dihydro-4-[(2-methyl-1H-indol-3-yl)methylene]- (9CI) (CA INDEX NAME)



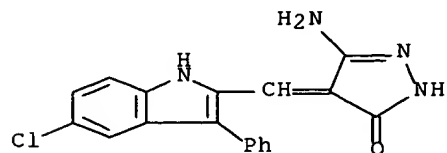
RN 120607-95-6 CAPLUS
CN 3H-Pyrazol-3-one, 5-amino-2,4-dihydro-4-[(5-methoxy-3-phenyl-1H-indol-2-yl)methylene]- (9CI) (CA INDEX NAME)



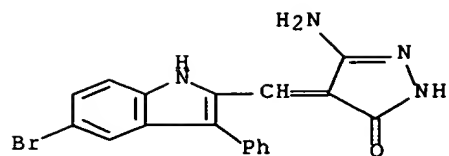
RN 120607-96-7 CAPLUS
CN 3H-Pyrazol-3-one, 5-amino-2,4-dihydro-4-[(5-methyl-3-phenyl-1H-indol-2-yl)methylene]- (9CI) (CA INDEX NAME)



RN 120607-97-8 CAPLUS
CN 3H-Pyrazol-3-one, 5-amino-4-[(5-chloro-3-phenyl-1H-indol-2-yl)methylene]-
2,4-dihydro- (9CI) (CA INDEX NAME)



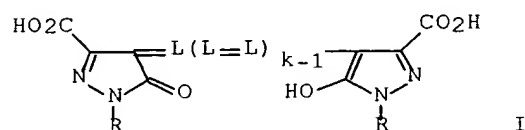
RN 120607-98-9 CAPLUS
CN 3H-Pyrazol-3-one, 5-amino-4-[(5-bromo-3-phenyl-1H-indol-2-yl)methylene]-
2,4-dihydro- (9CI) (CA INDEX NAME)



L4 ANSWER 136 OF 190 CAPLUS COPYRIGHT 2001 ACS
 AN 1989:144838 CAPLUS
 DN 110:144838
 TI Light-absorbing dyes for prevention of halation and irradiation in photographic materials
 IN Tanaka, Akira; Miura, Taketoshi
 PA Mitsubishi Paper Mills, Ltd., Japan
 SO Jpn. Kokai Tokkyo Koho, 5 pp.
 CODEN: JKXXAF
 DT Patent
 LA Japanese
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 63002045	A2	19880107	JP 1986-145642	19860621
	JP 05055057	B4	19930816		

GI



AB Cyanine dyes I (L = methine optionally substituted with lower alkyl; R = lower alkyl that may be substituted by groups excluding CO₂H and SO₃H; k =

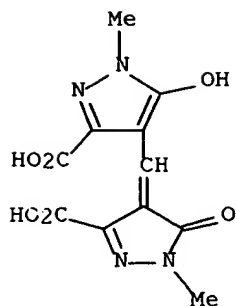
1-3) are used as filter dyes in Ag halide photog. materials, for antihalation and antiirradn. purposes. These dyes have good dyeing and elution properties. Thus, a polyester base was coated with a gelatin layer contg. I (L = CH, R = Me, k = 1) saponin, and HCHO. This showed a clear change in its optical d. after coating with AgBr emulsion and processing.

IT **119376-54-4P**

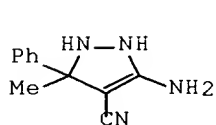
RL: SPN (Synthetic preparation); PREP (Preparation)
 (prepn. and use of, as photog. antihalation and antiirradn. dye)

RN 119376-54-4 CAPLUS

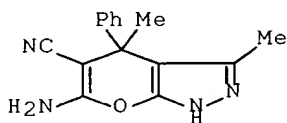
CN 1H-Pyrazole-3-carboxylic acid, 4-[(3-carboxy-5-hydroxy-1-methyl-1H-pyrazol-4-yl)methylene]-4,5-dihydro-1-methyl-5-oxo- (9CI) (CA INDEX NAME)



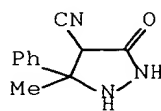
L4 ANSWER 137 OF 190 CAPLUS COPYRIGHT 2001 ACS
 AN 1989:75387 CAPLUS
 DN 110:75387
 TI Nitriles in heterocyclic synthesis: the reaction of
 acetophenonylidene malononitrile with some active methylene reagents and
 acrylonitrile derivatives
 AU Abdel Galil, F. M.; Abdel Motaleb, R. M.; Elnagdi, M. H.
 CS Fac. Sci., Cairo Univ., Giza, Egypt
 SO An. Quim., Ser. C (1988), 84(1), 19-21
 CODEN: AQSBD6; ISSN: 0211-1357
 DT Journal
 LA English
 OS CASREACT 110:75387
 GI



I

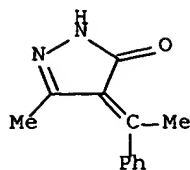


II

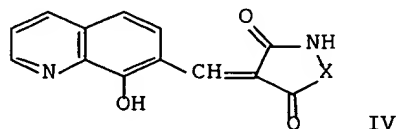
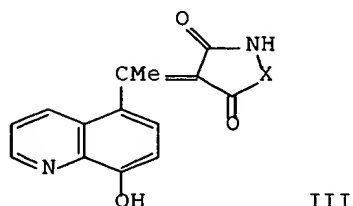


IV

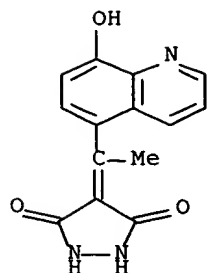
AB Pyrazoline deriv. I and fused pyrazole II were prepd. from PhCMe:C(CN)₂
 (III). III was treated with H₂NNHCOCH₂CN to give I, while a
 pyrazolinone
 deriv. and III gave II. The reaction of PhCMe:C(CN)CO₂Et with
 H₂NNHCOCH₂CN gave pyrazolidinone IV.
 IT **118618-28-3**
 RL: RCT (Reactant)
 (cycloaddn. reaction of, with malononitrile)
 RN 118618-28-3 CAPLUS
 CN 3H-Pyrazol-3-one, 2,4-dihydro-5-methyl-4-(1-phenylethylidene)- (9CI)
 (CA INDEX NAME)



L4 ANSWER 138 OF 190 CAPLUS COPYRIGHT 2001 ACS
 AN 1989:38850 CAPLUS
 DN 110:38850
 TI Synthesis and application of some 1-[8-hydroxy-5(or 7)-quinolinyl]alkylidene-substituted heterocycles as bactericides, fungicides, and bioregulators
 AU Khalil, Zarif Haleem; Yanni, Amal Sabet; Khalaf, Ali Ali; Foaad Abdo, Raafat
 CS Fac. Sci., Assiut Univ., Assiut, Egypt
 SO Bull. Chem. Soc. Jpn. (1988), 61(4), 1345-9
 CODEN: BCSJA8; ISSN: 0009-2673
 DT Journal
 LA English
 OS CASREACT 110:38850
 GI

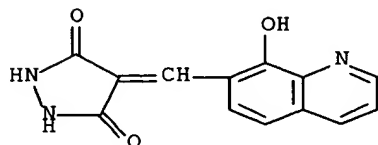


AB Reaction of 5-acetyl-8-quinolinol (I), 1-ethylquinolinium iodide (II), and 8-hydroxyquinoline-7-carboxaldehyde with $\text{CH}_2(\text{CO}_2\text{H})_2$ under basic conditions gave alkylidene derivs., which reacted with N_2H_4 , PhNHNH_2 , NH_2OH , urea, or thiourea to give the heterocyclic derivs. III and IV ($\text{X} = \text{NH}$, NPh , O , CONH , CSNH) and the corresponding 1-ethylquinolinium iodides. I-IV were tested as bactericides, fungicides, and bioregulators. I is a potent fungicide. II and III ($\text{X} = \text{NH}$, CONH , CSNH) enhanced seedling growth.
 IT **118327-31-4P 118327-36-9P 118327-41-6P**
 RL: SPN (Synthetic preparation); PREP (Preparation)
 (prepn., bactericidal, fungicidal and plant growth regulator activity of)
 RN 118327-31-4 CAPLUS
 CN 3,5-Pyrazolidinedione, 4-[1-(8-hydroxy-5-quinolinyl)ethylidene]- (9CI)
 (CA INDEX NAME)



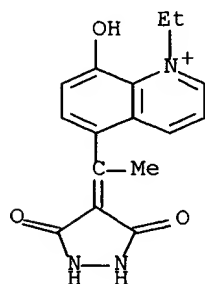
RN 118327-36-9 CAPLUS

CN 3,5-Pyrazolidinedione, 4-[(8-hydroxy-7-quinolinyl)methylene]- (9CI) (CA INDEX NAME)



RN 118327-41-6 CAPLUS

CN Quinolinium, 5-[1-(3,5-dioxo-4-pyrazolidinylidene)ethyl]-1-ethyl-8-hydroxy-, iodide (9CI) (CA INDEX NAME)



● I⁻

L4 ANSWER 139 OF 190 CAPLUS COPYRIGHT 2001 ACS

AN 1989:8104 CAPLUS

DN 110:8104

TI Synthesis and fungicidal activities of some 2-pyrazolin-5-one derivatives

AU Nayak, A.; Devi, Surama; Misra, S. B.; Mittra, A. S.

CS Mayurbhanj Chem. Lab., Ravenshaw Coll., Cuttack, 753003, India

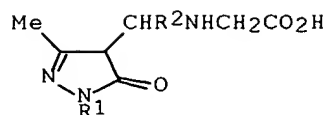
SO Acta Cienc. Indica, Chem. (1987), 13(1), 18-22

CODEN: ACICDV; ISSN: 0253-7338

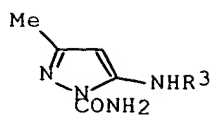
DT Journal

LA English

GI



I



II

AB (Pyrazolylmethyl)glycines I [R1 = Ph, H; R2 = Ph, O2NC6H4, HOC6H4, anisyl, furyl, HO(MeO)C6H3, ClC6H4] and pyrazolecarboxamides II (R3 = Ph, tolyl, O2NC6H4, ClC6H4, anisyl, naphthyl, H2NC6H4) were prepd., and they showed fungicidal activity. 4-Arylmethylene-5-pyrazolones were treated with glycine to give I. Anilines and naphthylamines reacted with a pyrazole deriv. to give II.

IT 10234-90-9 68761-49-9 68761-50-2
68761-51-3 68761-52-4 91436-09-8
91436-10-1

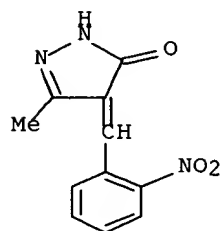
RL: RCT (Reactant)

(N-arylmethylation by, of glycine)

RN 10234-90-9 CAPLUS

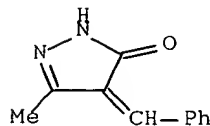
CN 3H-Pyrazol-3-one, 2,4-dihydro-5-methyl-4-[(2-nitrophenyl)methylene]-
(9CI)

(CA INDEX NAME)



RN 68761-49-9 CAPLUS

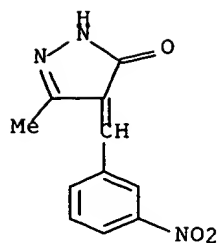
CN 3H-Pyrazol-3-one, 2,4-dihydro-5-methyl-4-(phenylmethylene)- (9CI) (CA
INDEX NAME)



RN 68761-50-2 CAPLUS

CN 3H-Pyrazol-3-one, 2,4-dihydro-5-methyl-4-[(3-nitrophenyl)methylene]-
(9CI)

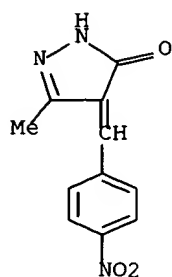
(CA INDEX NAME)



RN 68761-51-3 CAPLUS

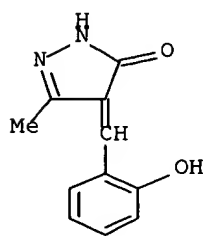
CN 3H-Pyrazol-3-one, 2,4-dihydro-5-methyl-4-[(4-nitrophenyl)methylene]-
(9CI)

(CA INDEX NAME)



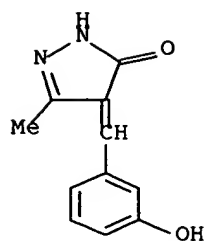
RN 68761-52-4 CAPLUS

CN 3H-Pyrazol-3-one, 2,4-dihydro-4-[(2-hydroxyphenyl)methylene]-5-methyl-
(9CI) (CA INDEX NAME)

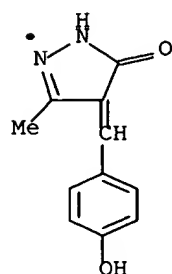


RN 91436-09-8 CAPLUS

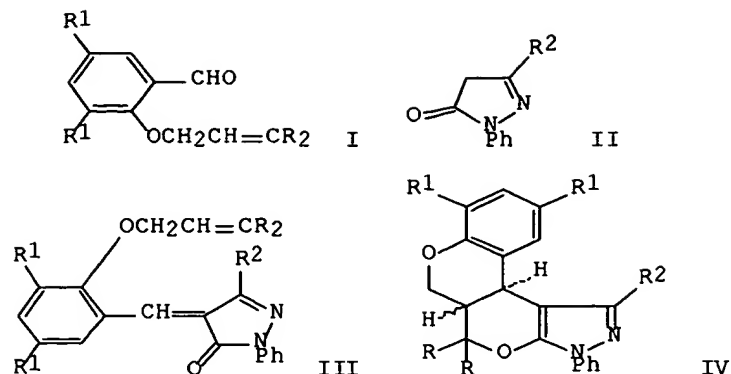
CN 3H-Pyrazol-3-one, 2,4-dihydro-4-[(3-hydroxyphenyl)methylene]-5-methyl-
(9CI) (CA INDEX NAME)



RN 91436-10-1 CAPLUS
 CN 3H-Pyrazol-3-one, 2,4-dihydro-4-[(4-hydroxyphenyl)methylene]-5-methyl-
 (9CI) (CA INDEX NAME)



L4 ANSWER 140 OF 190 CAPLUS COPYRIGHT 2001 ACS
 AN 1988:406458 CAPLUS
 DN 109:6458
 TI Intra- and intermolecular hetero-Diels-Alder reactions. 17.
 Intramolecular hetero-Diels-Alder reaction of alkylidene- and
 benzylidenepyrazolones and benzylideneisoxazolones. Investigations
 toward
 the conformation of the transition state
 AU Tietze, Lutz F.; Brumby, Thomas; Pretor, Martina; Remberg, Gerd
 CS Inst. Org. Chem., Univ. Goettingen, Goettingen, D-3400, Fed. Rep. Ger.
 SO J. Org. Chem. (1988), 53(4), 810-20
 CODEN: JOCEAH; ISSN: 0022-3263
 DT Journal
 LA English
 OS CASREACT 109:6458
 GI



AB Stereochem. aspects of the intramol. hetero-Diels-Alder reaction of hetero dienes were studied. Knoevenagel condensation of arom. aldehydes I (R = R₁ = H; R = Me, R₁ = H, Br) with pyrazolones II (R₂ = H, Me, Me₃C, Ph) gave hetero dienes III which cyclized to a mixt. of cis- and trans-adducts IV. Both E- and Z-III gave mixts. of cis- and trans-IV, with the cis-annulated compds. formed preferentially. This suggests an E-Z-isomerization preceding the cycloaddn. which was proven by UV spectroscopy and high pressure liq. chromatog. The tandem Knoevenagel-Diels-Alder reaction of I (R = Me, R₁ = H) with II (R₂ = H, Me) was carried out both with and without irradiation, yielding the same ratio of cis- and trans-IV. Since it was shown that the ratio of E- and Z-hetero dienes is different in the two sets of expts., it can be assumed that the cycloadducts IV are formed only via the E-hetero diene.

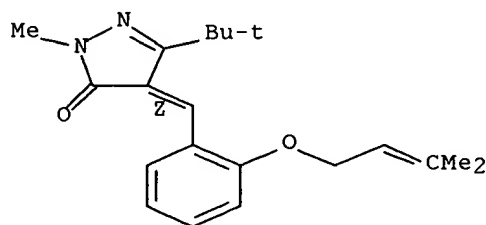
IT 112296-79-4P 112296-91-0P

RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation) (prepn. and intramol. Diels-Alder reaction of)

RN 112296-79-4 CAPLUS

CN 3H-Pyrazol-3-one, 5-(1,1-dimethylethyl)-2,4-dihydro-2-methyl-4-[[2-[(3-methyl-2-butenyl)oxy]phenyl]methylene]-, (Z)- (9CI) (CA INDEX NAME)

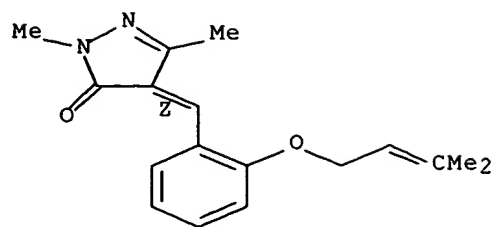
Double bond geometry as shown.



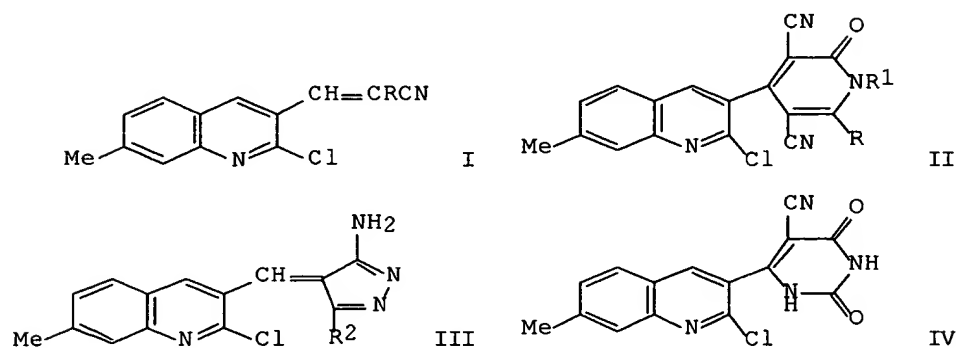
RN 112296-91-0 CAPLUS

CN 3H-Pyrazol-3-one, 2,4-dihydro-2,5-dimethyl-4-[[2-[(3-methyl-2-butenyl)oxy]phenyl]methylene]-, (Z)- (9CI) (CA INDEX NAME)

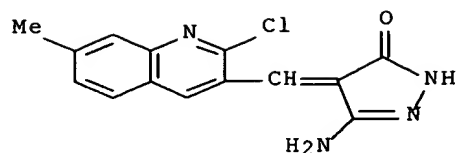
Double bond geometry as shown.



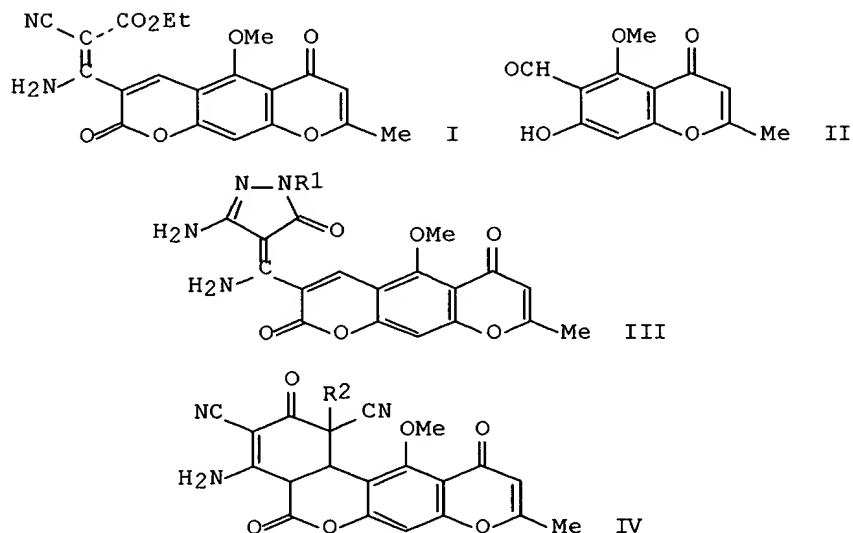
L4 ANSWER 141 OF 190 CAPLUS COPYRIGHT 2001 ACS
 AN 1988:167269 CAPLUS
 DN 108:167269
 TI Activated nitriles in heterocyclic synthesis: a one-step synthesis of
 several new pyrimidine, pyridine, and pyrazole derivatives
 AU Fathy, Nahed M.; Elgemeie, Galal H.
 CS Appl. Org. Chem. Lab., Natl. Res. Cent., Cairo, Egypt
 SO J. Chem. Eng. Data (1988), 33(2), 218-19
 CODEN: JCEAAX; ISSN: 0021-9568
 DT Journal
 LA English
 GI



AB Knoevenagel reaction of 2-chloro-7-methyl-3-quinolinecarboxaldehyde with
 NCCH₂R (R = cyano, CO₂Et, CONH₂) in EtOH contg. Et₃N gave 80-98%
 (cyanoethenyl)quinolines I. Cyclocondensation of I (R = cyano, CO₂Et)
 with NCCH₂CONHR₁ (R₁ = H, NH₂) or of I (R = CONH₂) with CH₂(CN)₂ and
 EtO₂CCH₂CN gave dicyanoquinolinyldipyradones II. Similar
 cyclocondensation
 of I (R = cyano, CO₂Et) with N₂H₄ gave (quinolinylmethylene)pyrazoles
 III
 (R₂ = NH₄, OH), and reaction of I (R = CO₂Et) with urea gave
 quinolinyldipyradone IV. Other heterocyclic derivs. were also prepd.
 IT **113111-06-1P**
 RL: SPN (Synthetic preparation); PREP (Preparation)
 (prepn. of)
 RN 113111-06-1 CAPLUS
 CN 3H-Pyrazol-3-one, 5-amino-4-[(2-chloro-7-methyl-3-quinolinyldipyradone)-
 2,4-dihydro- (9CI) (CA INDEX NAME)



L4 ANSWER 142 OF 190 CAPLUS COPYRIGHT 2001 ACS
 AN 1988:55928 CAPLUS
 DN 108:55928
 TI Synthesis of benzo[1,2-b;5,4-b']dipyran derivatives (Part II)
 AU Gohar, Abdel Kerim M. N.; Abdel-Latif, F. F.
 CS Fac. Sci., El-Minia Univ., El-Minia, Egypt
 SO Indian J. Chem., Sect. B (1987), 26B(4), 363-5
 CODEN: IJSBDB; ISSN: 0376-4699
 DT Journal
 LA English
 OS CASREACT 108:55928
 GI

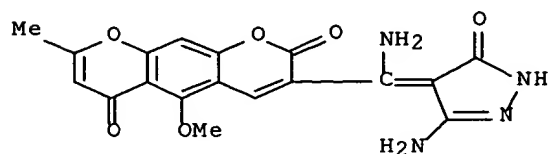


AB Benzodipyran deriv. I, which was prep'd. from fused salicylaldehyde II
 and
 EtO2CCH2C(NH2):C(CN)CO2Et, underwent various reactions with hydrazines
 and
 cyanoacetic acid derivs. I was treated with N2H4 and PhNHNH2 to give
 pyrazoles III (R1 = H, Ph). Benzopyranobenzopyrans IV (R2 = cyano,
 CO2Et)
 were prep'd. from I and R2CH2CN.
 IT 112517-80-3P

RL: SPN (Synthetic preparation); PREP (Preparation)
(prepn. of)

RN 112517-80-3 CAPLUS

CN 2H,6H-Benzo[1,2-b:5,4-b']dipyran-2,6-dione, 3-[amino(3-amino-1,5-dihydro-5-oxo-4H-pyrazol-4-ylidene)methyl]-5-methoxy-8-methyl- (9CI) (CA INDEX NAME)



L4 ANSWER 143 OF 190 CAPLUS COPYRIGHT 2001 ACS

AN 1987:598161 CAPLUS

DN 107:198161

TI Reactions with 3-pyrazolin-5-ones. Synthesis of 3,4-dihydropyridone and pyrano[2,3-c]pyrazole derivatives

AU Elagamey, Abdel Ghani A.; Ghali, Edwar A.; Harb, Abdel Fattah A.; Elnagdi,

Mohamed H.

CS Fac. Sci., Mansoura Univ., Mansoura, Egypt

SO Arch. Pharm. (Weinheim, Ger.) (1987), 320(2), 140-5

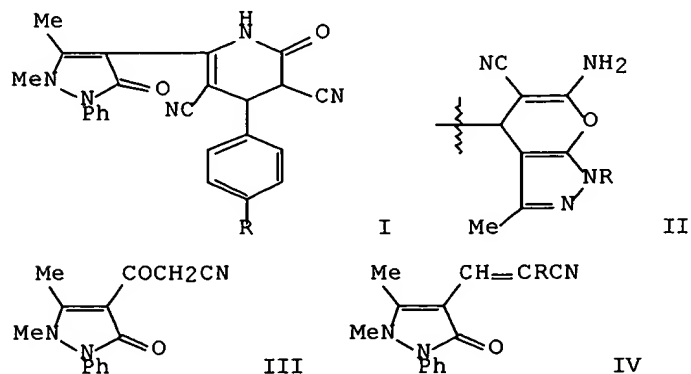
CODEN: ARPMAS; ISSN: 0365-6233

DT Journal

LA English

OS CASREACT 107:198161

GI



AB A no. of title compds., e.g., I (R = H, Cl, MeO) and II (R = H, Ph), were

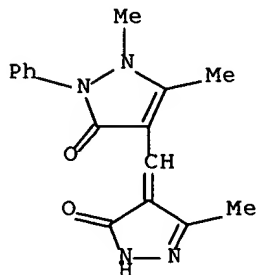
prep'd. via cyclocondensation reactions of antipyrine derivs. III and IV (R

= cyano, CO₂Et, Bz).

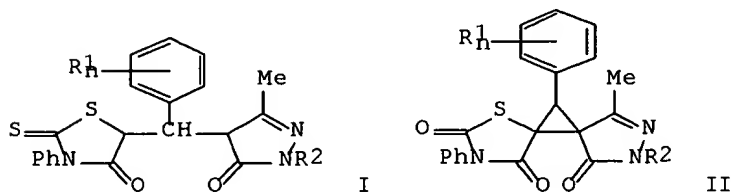
IT 111042-11-6

RL: RCT (Reactant)

(reaction of, with pyrazolinyllacrylonitriles)
 RN 111042-11-6 CAPLUS
 CN 3H-Pyrazol-3-one, 4-[(1,5-dihydro-3-methyl-5-oxo-4H-pyrazol-4-ylidene)methyl]-1,2-dihydro-1,5-dimethyl-2-phenyl- (9CI) (CA INDEX NAME)



L4 ANSWER 144 OF 190 CAPLUS COPYRIGHT 2001 ACS
 AN 1987:572278 CAPLUS
 DN 107:172278
 TI Michael addition of pyrazolone and thiazolidone to bis- and cyclopropane derivatives: their fungitoxicity study
 AU Mitra, P.; Das, N. B.; Mittra, A. S.
 CS Dep. Chem., Ravenshaw Coll., Cuttack, 753003, India
 SO Acta Cienc. Indica, Chem. (1985), 11(4), 267-72
 CODEN: ACICDV; ISSN: 0253-7338
 DT Journal
 LA English
 GI



AB Twenty I (R1 = H, OH, NO2, MeO, or Br, n = 1 or 2, R2 = H or Ph) and their
 cyclopropane derivs. (II) were prep'd. and screened for their fungicidal activity against rice blast *Pyricularia oryzae* and the brown leaf-spot pathogen *Helminthosporium oryzae*. I were prep'd. by Michael addn. of 4-benzylidene-2-pyrazolin-5-ones to 3-phenyl-2-mercapto-4-thiazolidones or by addn. of 5-benzylidene-3-phenyl-2-mercapto-4-thiazolidinones to 3-methyl-2-pyrazolin-5-one. II were prep'd. by treatment of I with NaOH and I/KI soln. or by Michael addn. of 4-benzylidene-2-pyrazolin-5-ones with 5-bromo-3-phenyl-2-mercapto-4-thiazolidone. I were more active than II. Examples of some of the more active I were (R1 and R2 given): H,

Ph;

o-OH, Ph; p-OH, Ph; o-NO₂, Ph; 2,3-HO(Br), Ph; o-OH, H; and o-NO₂, H.

IT 10234-90-9 68761-49-9 68761-50-2
68761-51-3 68761-52-4 76074-81-2
91436-09-8 91436-10-1 110676-26-1
110676-27-2

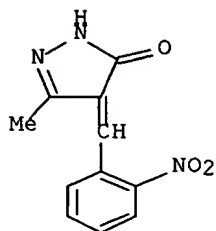
RL: RCT (Reactant)

(reaction of, with bromo(mercapto)(phenyl)thiazolidone)

RN 10234-90-9 CAPLUS

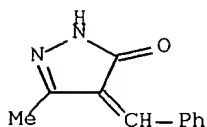
CN 3H-Pyrazol-3-one, 2,4-dihydro-5-methyl-4-[(2-nitrophenyl)methylene]-
(9CI)

(CA INDEX NAME)



RN 68761-49-9 CAPLUS

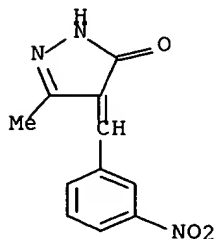
CN 3H-Pyrazol-3-one, 2,4-dihydro-5-methyl-4-(phenylmethylene)- (9CI) (CA
INDEX NAME)



RN 68761-50-2 CAPLUS

CN 3H-Pyrazol-3-one, 2,4-dihydro-5-methyl-4-[(3-nitrophenyl)methylene]-
(9CI)

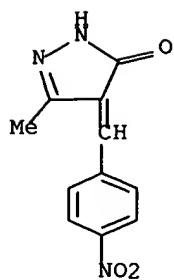
(CA INDEX NAME)



RN 68761-51-3 CAPLUS

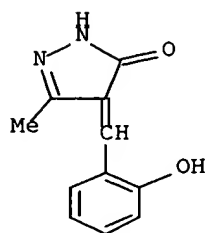
CN 3H-Pyrazol-3-one, 2,4-dihydro-5-methyl-4-[(4-nitrophenyl)methylene]-
(9CI)

(CA INDEX NAME)



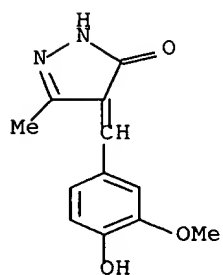
RN 68761-52-4 CAPLUS

CN 3H-Pyrazol-3-one, 2,4-dihydro-4-[(2-hydroxyphenyl)methylene]-5-methyl-
(9CI) (CA INDEX NAME)



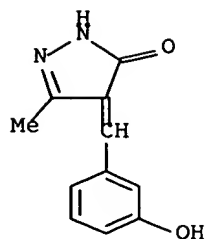
RN 76074-81-2 CAPLUS

CN 3H-Pyrazol-3-one, 2,4-dihydro-4-[(4-hydroxy-3-methoxyphenyl)methylene]-
5-methyl- (9CI) (CA INDEX NAME)



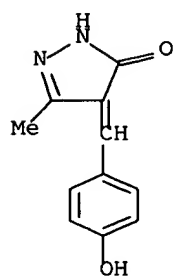
RN 91436-09-8 CAPLUS

CN 3H-Pyrazol-3-one, 2,4-dihydro-4-[(3-hydroxyphenyl)methylene]-5-methyl-
(9CI) (CA INDEX NAME)



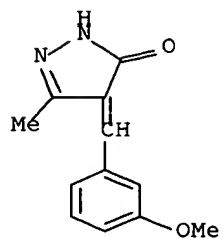
RN 91436-10-1 CAPLUS

CN 3H-Pyrazol-3-one, 2,4-dihydro-4-[(4-hydroxyphenyl)methylene]-5-methyl-
(9CI) (CA INDEX NAME)



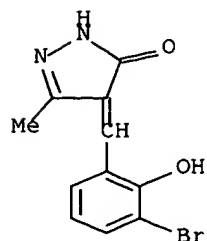
RN 110676-26-1 CAPLUS

CN 3H-Pyrazol-3-one, 2,4-dihydro-4-[(3-methoxyphenyl)methylene]-5-methyl-
(9CI) (CA INDEX NAME)

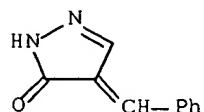


RN 110676-27-2 CAPLUS

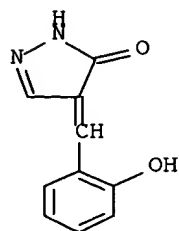
CN 3H-Pyrazol-3-one, 4-[(3-bromo-2-hydroxyphenyl)methylene]-2,4-dihydro-5-methyl-
(9CI) (CA INDEX NAME)



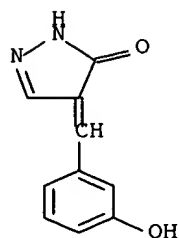
IT 110676-28-3 110676-29-4 110676-30-7
 110676-31-8 110676-32-9 110676-33-0
 110676-34-1 110676-35-2 110676-36-3
 110676-37-4
 RL: RCT (Reactant)
 (reaction of, with phenyl(mercapto)thiazolidones)
 RN 110676-28-3 CAPLUS
 CN 3H-Pyrazol-3-one, 2,4-dihydro-4-(phenylmethylene)- (9CI) (CA INDEX
 NAME)



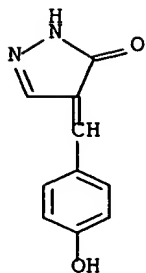
RN 110676-29-4 CAPLUS
 CN 3H-Pyrazol-3-one, 2,4-dihydro-4-[(2-hydroxyphenyl)methylene]- (9CI) (CA
 INDEX NAME)



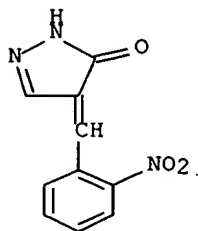
RN 110676-30-7 CAPLUS
 CN 3H-Pyrazol-3-one, 2,4-dihydro-4-[(3-hydroxyphenyl)methylene]- (9CI) (CA
 INDEX NAME)



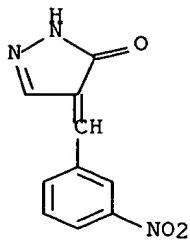
RN 110676-31-8 CAPLUS
 CN 3H-Pyrazol-3-one, 2,4-dihydro-4-[(4-hydroxyphenyl)methylene]- (9CI) (CA
 INDEX NAME)



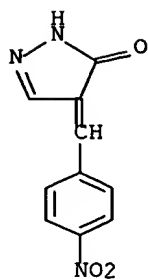
RN 110676-32-9 CAPLUS
 CN 3H-Pyrazol-3-one, 2,4-dihydro-4-[(2-nitrophenyl)methylene]- (9CI) (CA INDEX NAME)



RN 110676-33-0 CAPLUS
 CN 3H-Pyrazol-3-one, 2,4-dihydro-4-[(3-nitrophenyl)methylene]- (9CI) (CA INDEX NAME)

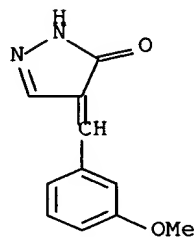


RN 110676-34-1 CAPLUS
 CN 3H-Pyrazol-3-one, 2,4-dihydro-4-[(4-nitrophenyl)methylene]- (9CI) (CA INDEX NAME)



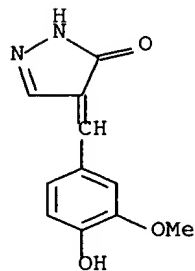
RN 110676-35-2 CAPLUS

CN 3H-Pyrazol-3-one, 2,4-dihydro-4-[(3-methoxyphenyl)methylene]- (9CI) (CA INDEX NAME)



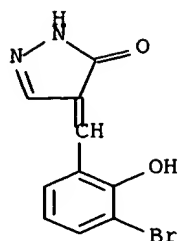
RN 110676-36-3 CAPLUS

CN 3H-Pyrazol-3-one, 2,4-dihydro-4-[(4-hydroxy-3-methoxyphenyl)methylene]- (9CI) (CA INDEX NAME)



RN 110676-37-4 CAPLUS

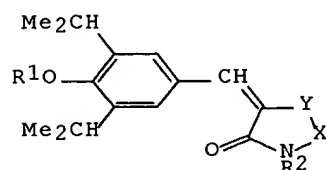
CN 3H-Pyrazol-3-one, 4-[(3-bromo-2-hydroxyphenyl)methylene]-2,4-dihydro- (9CI) (CA INDEX NAME)



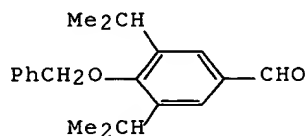
L4 ANSWER 145 OF 190 CAPLUS COPYRIGHT 2001 ACS
 AN 1987:213918 CAPLUS
 DN 106:213918
 TI Diisopropylbenzylidene-substituted heterocycles
 IN Imai, Naohiro; Shiraishi, Tadayoshi; Katsumi, Ikuo; Yamashita, Katsuji;
 Ariki, Yutaka; Yamashita, Toshiaki
 PA Kanegafuchi Chemical Industry Co., Ltd., Japan
 SO Jpn. Kokai Tokyo Koho, 16 pp.
 CODEN: JKXXAF
 DT Patent
 LA Japanese
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 62029570	A2	19870207	JP 1985-167999	19850729
	JP 05074587	B4	19931018		

GI



I



II

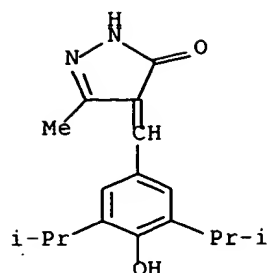
AB The title compds. I [R1 = H, PhCH2; R2 = H, R3CO (R3 = H, C1-3 alkyl),
 Ph;
 X = CO, CS, C:NH, CHR4 (R4 = H, C1-3 alkyl), NPh; Y = CH2, CH2SO2, CO,
 C(O)NH, NR5 (R5 = H, C1-3 alkyl), NHC(O), O, S; XY = CR6:N (R6 = H, C1-3
 alkyl, morpholino, Ph), N:CR6, o-phenylene, o-C6H4SO2], useful as
 antiallergics and tyrosine kinase inhibitors, are prepd. A mixt. of
 3,5-(Me2CH)2C6H3CHO, hydantoin, ethanolamine, EtOH, and H2O was refluxed
 to give I (R1 = R2 = H, X = CO, Y = NH) which at 100 .mu.M showed 100%
 control of free slow-reacting substances of anaphylaxis or their
 biosynthesis in guinea pigs.

IT 108402-26-2P

RL: SPN (Synthetic preparation); PREP (Preparation)
 (prepn. of, as antiallergic agent and tyrosine kinase inhibitor)

RN 108402-26-2 CAPLUS

CN 3H-Pyrazol-3-one, 2,4-dihydro-4-[[4-hydroxy-3,5-bis(1-
 methylethyl)phenyl)methylene]-5-methyl- (9CI) (CA INDEX NAME)



L4 ANSWER 146 OF 190 CAPLUS COPYRIGHT 2001 ACS

AN 1987:209479 CAPLUS

DN 106:209479

TI Herbicidal dichlorobenzylidenepyrazolone derivative

IN Sakuraba, Yasunari; Matsuno, Shinichi; Yamane, Izumi

PA Hodogaya Chemical Co., Ltd., Japan

SO Jpn. Kokai Tokkyo Koho, 3 pp.

CODEN: JKXXAF

DT Patent

LA Japanese

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 61268670	A2	19861128	JP 1985-108256	19850522
AB	Herbicidal 1,3-dimethyl-4,4-[.alpha.-chloro-(2,4-dichlorobenzylidene)]-				
2-					

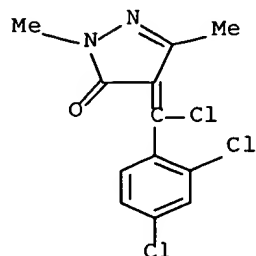
pyrazol-5-one (I), useful for paddy fields, was prepd. Thus, ClCO₂CCl₃ was added to 1,3-dimethyl-4-(2,4-dichlorobenzoyl)-5-hydroxypyrazole in PhMe and the mixt. was heated at 90.degree. for 4 h to give 73.6 % I, which showed almost comparable herbicidal activity in paddy fields to 4-(2,4-dichlorobenzoyl)-1,3-dimethylpyrazol-5-yl p-toluenesulfonate.

IT **108409-92-3P**

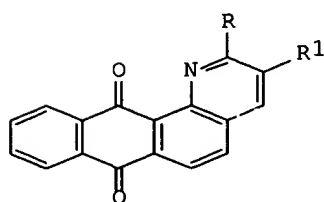
RL: AGR (Agricultural use); BAC (Biological activity or effector, except adverse); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation); USES (Uses)
(prepn. of, as herbicide)

RN 108409-92-3 CAPLUS

CN 3H-Pyrazol-3-one, 4-[chloro(2,4-dichlorophenyl)methylene]-2,4-dihydro-2,5-dimethyl- (9CI) (CA INDEX NAME)



L4 ANSWER 147 OF 190 CAPLUS COPYRIGHT 2001 ACS
 AN 1987:119761 CAPLUS
 DN 106:119761
 TI Synthesis of naphtho[2,3-h]quinoline-7,12-dione, 1H-naphtho[2,3-h]pyrazolo[3,4-b]quinoline-7,12-dione and their derivatives
 AU Younes, Mansour I.; Metwally, Saoud A.
 CS Fac. Sci., Assiut Univ., Quena, Egypt
 SO Indian J. Chem., Sect. B (1986), 25B(6), 616-18
 CODEN: IJSBDB; ISSN: 0376-4699
 DT Journal
 LA English
 OS CASREACT 106:119761
 GI



II

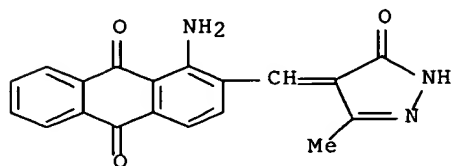
AB The Friedlaender condensation of 1-amino-2-formylantraquinone (I) with
 a no. of ketones was studied. Condensation of I with cyclohexanone in the
 presence of ethanolic KOH gave naphthacridinedione I [RR1 = (CH2)4]
 whereas with acetylpyridines and 2-acetylthiophene,
 naphthoquinolinediones
 I (R = 2-, 3-, 4-pyridyl, 2-thienyl; R1 = H) were obtained. Fusion of I
 with 3-methyl-2-pyrazolin-5-ones and oxindole gave
 naphthopyrazoloquinolinediones I (RR1 = NHN:CMe, NPhN:CMe) and
 indolonaphthoquinolinedione I (RR1 = o-NHC6H4) resp. Reactions of I
 with other compds. were also studied.

IT 107124-90-3P

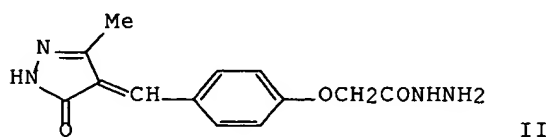
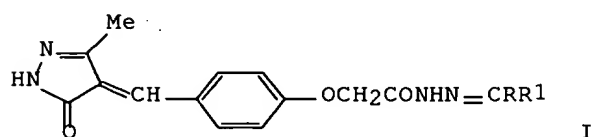
RL: PRP (Properties); SPN (Synthetic preparation); PREP (Preparation)
 (prepn. and NMR of)

RN 107124-90-3 CAPLUS

CN 9,10-Anthracenedione, 1-amino-2-[(1,5-dihydro-3-methyl-5-oxo-4H-pyrazol-
 4-ylidene)methyl]- (9CI) (CA INDEX NAME)



L4 ANSWER 148 OF 190 CAPLUS COPYRIGHT 2001 ACS
 AN 1987:102148 CAPLUS
 DN 106:102148
 TI Synthesis of some newer 4-(3-methyl-5-oxo-4-pyrazolidinylidenemethyl)phenoxyacetic acid benzylidenehydrazides and .alpha.-methylbenzylidenehydrazides as CNS active and antiinflammatory agents
 AU Mohan, Rajiv Ravindra; Agarwal, Chapla; Misra, V. S.
 CS Dep. Chem., Univ. Lucknow, Lucknow, 226 007, India
 SO Indian J. Chem., Sect. B (1986), 25B(3), 339-41
 CODEN: IJSBDB; ISSN: 0376-4699
 DT Journal
 LA English
 OS CASREACT 106:102148
 GI



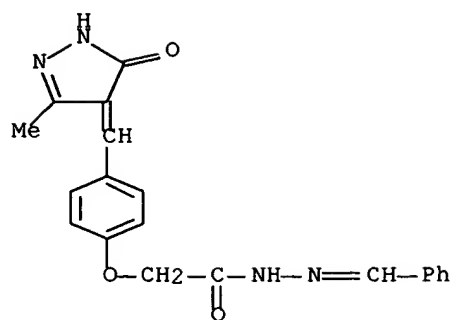
AB The title compds. I (R = H, Me; R1 = Ph, substituted phenyl) were prepd. by condensation of hydrazides II with RCOR2. II was prepd. by condensation of 3-methyl-5-oxopyrazole with p-OHCC6H4OCH2CO2Et followed by treatment with H2NNH2.H2O. I had central nervous systems stimulant or depressant activity and gave 4-23% protection against carrageenin-induced mice paw edema.

IT 107044-90-6P 107044-91-7P 107044-92-8P
 107044-93-9P 107044-94-0P 107044-95-1P
 107044-96-2P 107044-97-3P 107044-98-4P
 107044-99-5P 107045-00-1P 107045-01-2P
 107045-02-3P 107045-03-4P 107045-04-5P
 107045-05-6P 107045-06-7P

RL: SPN (Synthetic preparation); PREP (Preparation)
 (prepn. and central nervous system and antiinflammatory activity of)

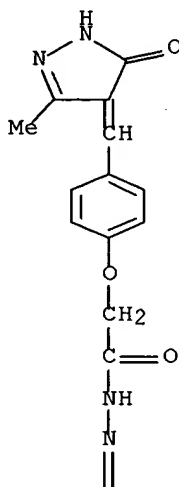
RN 107044-90-6 CAPLUS

CN Acetic acid, [4-[(1,5-dihydro-3-methyl-5-oxo-4H-pyrazol-4-ylidene)methyl]phenoxy]-, (phenylmethylene)hydrazide (9CI) (CA INDEX NAME)

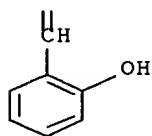


RN 107044-91-7 CAPLUS
 CN Acetic acid, [4-[(1,5-dihydro-3-methyl-5-oxo-4H-pyrazol-4-ylidene)methyl]phenoxy]-, [(2-hydroxyphenyl)methylene]hydrazide (9CI)
 (CA INDEX NAME)

PAGE 1-A

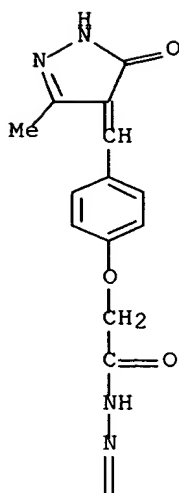


PAGE 2-A

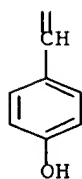


RN 107044-92-8 CAPLUS
 CN Acetic acid, [4-[(1,5-dihydro-3-methyl-5-oxo-4H-pyrazol-4-ylidene)methyl]phenoxy]-, [(4-hydroxyphenyl)methylene]hydrazide (9CI)
 (CA INDEX NAME)

PAGE 1-A

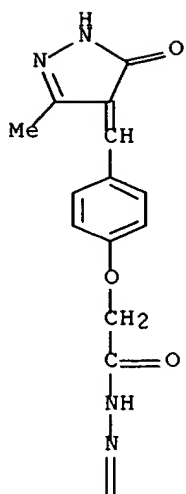


PAGE 2-A

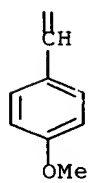


RN 107044-93-9 CAPLUS
CN Acetic acid, [4-[(1,5-dihydro-3-methyl-5-oxo-4H-pyrazol-4-ylidene)methyl]phenoxy]-, [(4-methoxyphenyl)methylene]hydrazide (9CI)
(CA INDEX NAME)

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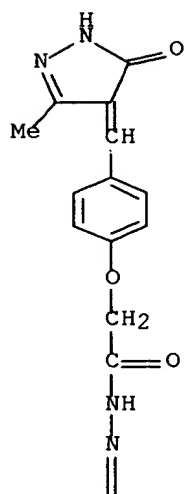


PAGE 2-A

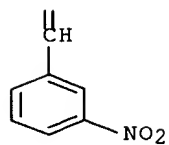


RN 107044-94-0 CAPLUS
CN Acetic acid, [4-[(1,5-dihydro-3-methyl-5-oxo-4H-pyrazol-4-ylidene)methyl]phenoxy]-, [(3-nitrophenyl)methylene]hydrazide (9CI) (CA INDEX NAME)

PAGE 1-A

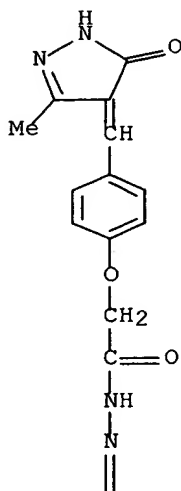


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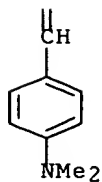


RN 107044-95-1 CAPLUS
CN Acetic acid, [4-[(1,5-dihydro-3-methyl-5-oxo-4H-pyrazol-4-ylidene)methyl]phenoxy]-, [[4-(dimethylamino)phenyl]methylene]hydrazide (9CI) (CA INDEX NAME)

PAGE 1-A

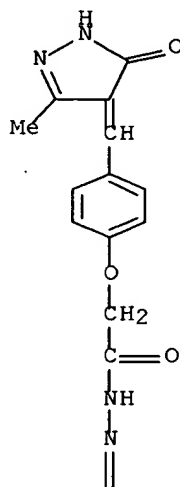


PAGE 2-A

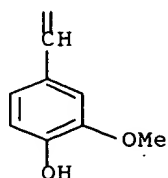


RN 107044-96-2 CAPLUS
CN Acetic acid, [4-[(1,5-dihydro-3-methyl-5-oxo-4H-pyrazol-4-ylidene)methyl]phenoxy]-, [(4-hydroxy-3-methoxyphenyl)methylene]hydrazide
(9CI) (CA INDEX NAME)

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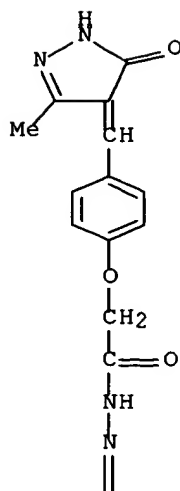
PAGE 2-A



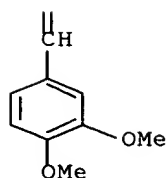
RN 107044-97-3 CAPLUS
CN Acetic acid, [4-[(1,5-dihydro-3-methyl-5-oxo-4H-pyrazol-4-ylidene)methyl]phenoxy]-, [(3,4-dimethoxyphenyl)methylene]hydrazide
(9CI)

(CA INDEX NAME)

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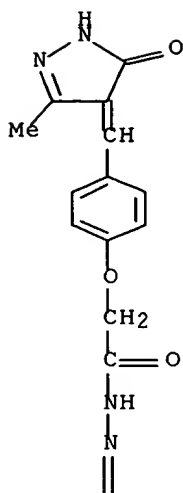
PAGE 2-A



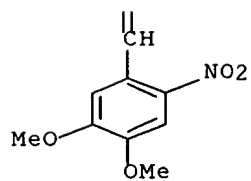
RN 107044-98-4 CAPLUS

CN Acetic acid, [4-[(1,5-dihydro-3-methyl-5-oxo-4H-pyrazol-4-ylidene)methyl]phenoxy]-, [(4,5-dimethoxy-2-nitrophenyl)methylene]hydrazide (9CI) (CA INDEX NAME)

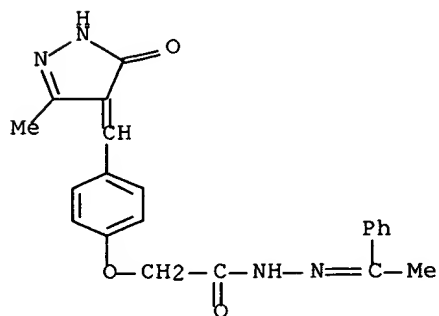
PAGE 1-A



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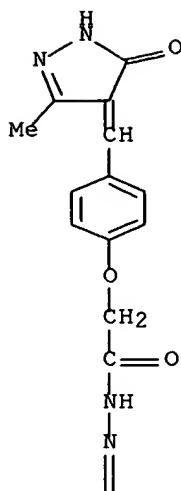


RN 107044-99-5 CAPLUS
 CN Acetic acid, [4-[(1,5-dihydro-3-methyl-5-oxo-4H-pyrazol-4-ylidene)methyl]phenoxy]-, (1-phenylethyldene)hydrazide (9CI) (CA INDEX NAME)

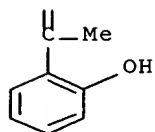


RN 107045-00-1 CAPLUS
 CN Acetic acid, [4-[(1,5-dihydro-3-methyl-5-oxo-4H-pyrazol-4-ylidene)methyl]phenoxy]-, [1-(2-hydroxyphenyl)ethyldene]hydrazide (9CI) (CA INDEX NAME)

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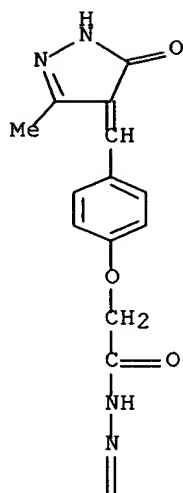
PAGE 2-A



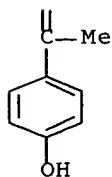
RN 107045-01-2 CAPLUS

CN Acetic acid, [4-[(1,5-dihydro-3-methyl-5-oxo-4H-pyrazol-4-ylidene)methyl]phenoxy]-, [1-(4-hydroxyphenyl)ethylidene]hydrazide (9CI)
(CA INDEX NAME)

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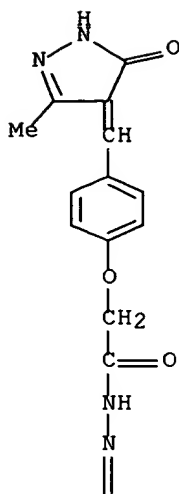


PAGE 2-A

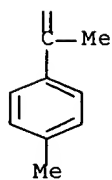


RN 107045-02-3 CAPLUS
CN Acetic acid, [4-[(1,5-dihydro-3-methyl-5-oxo-4H-pyrazol-4-ylidene)methyl]phenoxy]-, [1-(4-methylphenyl)ethylidene]hydrazide (9CI)
(CA INDEX NAME)

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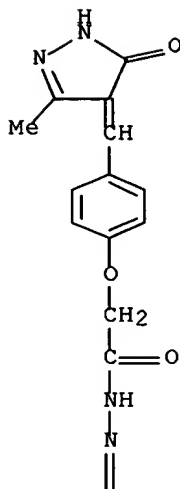


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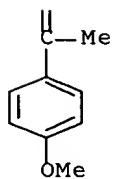


RN 107045-03-4 CAPLUS
CN Acetic acid, [4-[(1,5-dihydro-3-methyl-5-oxo-4H-pyrazol-4-ylidene)methyl]phenoxy]-, [1-(4-methoxyphenyl)ethyldene]hydrazide (9CI)
(CA INDEX NAME)

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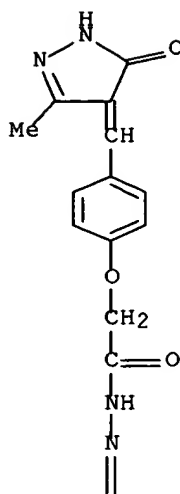


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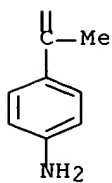


RN 107045-04-5 CAPLUS
CN Acetic acid, [4-[(1,5-dihydro-3-methyl-5-oxo-4H-pyrazol-4-ylidene)methyl]phenoxy]-, [1-(4-aminophenyl)ethylidene]hydrazide (9CI)
(CA INDEX NAME)

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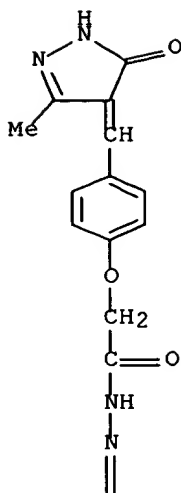


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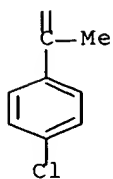


RN 107045-05-6 CAPLUS
CN Acetic acid, [4-[(1,5-dihydro-3-methyl-5-oxo-4H-pyrazol-4-ylidene)methyl]phenoxy]-, [1-(4-chlorophenyl)ethylidene]hydrazide (9CI)
(CA INDEX NAME)

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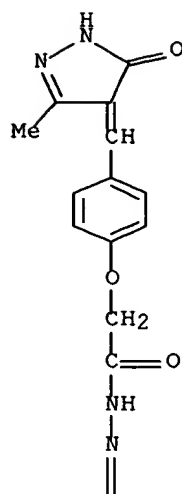


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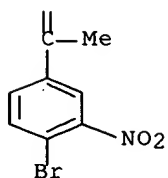


RN 107045-06-7 CAPLUS
CN Acetic acid, [4-[(1,5-dihydro-3-methyl-5-oxo-4H-pyrazol-4-ylidene)methyl]phenoxy]-, [1-(4-bromo-3-nitrophenyl)ethylidene]hydrazide (9CI) (CA INDEX NAME)

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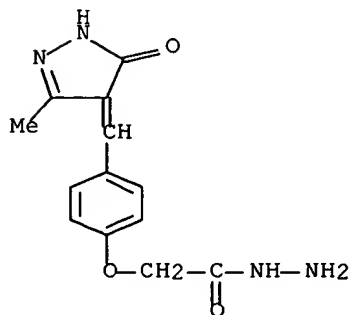


IT 107045-08-9P

RL: SPN (Synthetic preparation); PREP (Preparation)
(prepn. and condensation with benzaldehydes and acetophenones)

RN 107045-08-9 CAPLUS

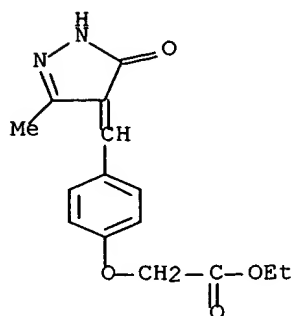
CN Acetic acid, [4-[(1,5-dihydro-3-methyl-5-oxo-4H-pyrazol-4-ylidene)methyl]phenoxy]-, hydrazide (9CI) (CA INDEX NAME)



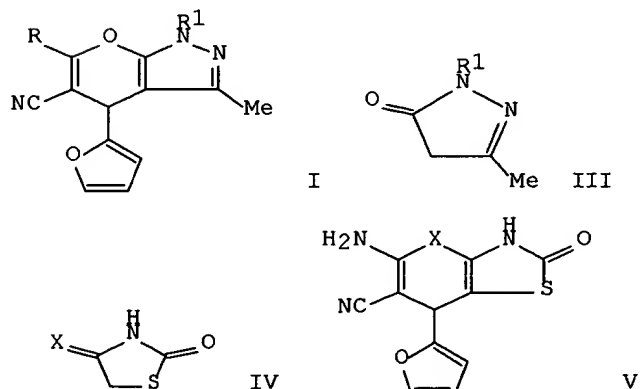
IT 107045-07-8P

RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation)

(prepn. and reaction with hydrazine)
 RN 107045-07-8 CAPLUS
 CN Acetic acid, [4-[(1,5-dihydro-3-methyl-5-oxo-4H-pyrazol-4-ylidene)methyl]phenoxy]-, ethyl ester (9CI) (CA INDEX NAME)



L4 ANSWER 149 OF 190 CAPLUS COPYRIGHT 2001 ACS
 AN 1986:68786 CAPLUS
 DN 104:68786
 TI Substituted acrylonitriles in heterocyclic synthesis. The reaction of .alpha.-substituted .beta.-(2-furyl)acrylonitriles with some active methylene heterocycles
 AU Abdelrazek, Fathy Mohamed; Kandeel, Zaghloul El Shahat; Himly, Khalid Mohamed Hassan; Elnagdi, Mohamed Hilmy
 CS Fac. Sci., Cairo Univ., Giza, Egypt
 SO Synthesis (1985), (4), 432-4
 CODEN: SYNTBF; ISSN: 0039-7881
 DT Journal
 LA English
 OS CASREACT 104:68786
 GI



AB Cyanofurylpyranopyrazoles I (R = NH₂; R₁ = H, Ph,) were prepd. by treating

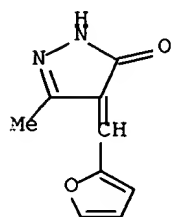
R2CH:CR3CN (II; R2 = 2-furyl, R3 = cyano) with pyrazolinone III (R1 = H, Ph) in EtOH contg. piperidine. Similar treatment of II (R2 = 2-furyl; R3 = CO2Et, Bz) with III yielded I (R = OH, Ph; R1 = H, Ph). When similarly treated with dioxo- and oxothioxothiazoles IV (X = O, S), II (R2 = 2-furyl, R3 = cyano) gave pyrano- and thiopyranothiazolones V.

IT 99941-44-3
 RL: RCT (Reactant)
 (cyclization of, with malononitrile)

RN 99941-44-3 CAPLUS

CN 3H-Pyrazol-3-one, 4-(2-furanylmethylene)-2,4-dihydro-5-methyl- (9CI)

(CA INDEX NAME)



I4 ANSWER 150 OF 190 CAPLUS COPYRIGHT 2001 ACS

AN 1985:541885 CAPLUS

DN 103:141885

TI Synthesis of 3-(2-hydroxyaryl)-1-methyl-2-pyrazolin-5-ones from 4-hydroxycoumarins and their conversion to 2-methyl-1-benzopyrano[4,3-c]pyrazol-3(2H)-one derivatives

AU Chantegrel, Bernard; Gelin, Suzanne

CS Lab. Chim. Org., Inst. Natl. Sci. Appl., Villeurbanne, F-69621, Fr.

SO Synthesis (1985), (5), 548-50

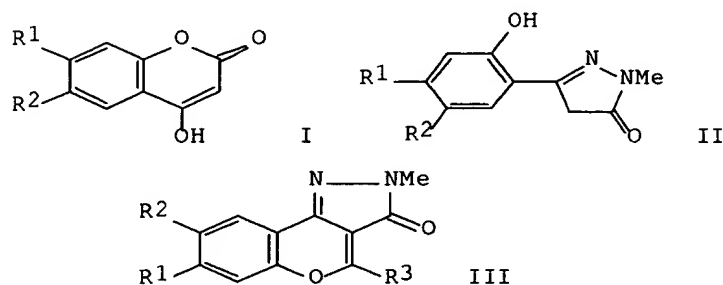
CODEN: SYNTBF; ISSN: 0039-7881

DT Journal

LA English

OS CASREACT 103:141885

GI



AB Treating hydroxycoumarins I (R1 = H, R2 = Me; R1 = Me, R2 = H, Me; R1 = OH, MeO, R2 = H) with MeNHNH2 in refluxing EtOH 8 h gave 50-76%

pyrazoles

II which were heated 10 min at 130-135.degree. with MeCO₂CH(OEt)₂ or MeC(OEt)₃ to give 57-90% benzopyranopyrazoles III (R₃ = H) and 59-85%

III

(R₃ = Me), resp.

IT 98447-09-7P

RL: SPN (Synthetic preparation); PREP (Preparation)
(prepn. of)

RN 98447-09-7 CAPLUS

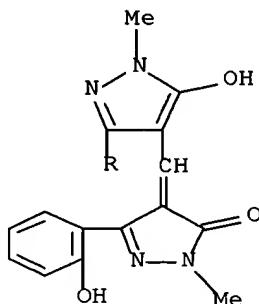
CN 3H-Pyrazol-3-one, 2,4-dihydro-4-[[5-hydroxy-3-(2-hydroxyphenyl)-1-methyl-

1H-pyrazol-4-yl]methylene]-5-(2-hydroxyphenyl)-2-methyl- (9CI) (CA

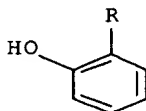
INDEX

NAME)

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L4 ANSWER 151 OF 190 CAPLUS COPYRIGHT 2001 ACS

AN 1985:185006 CAPLUS

DN 102:185006

TI Synthesis and fungicidal activity of some mixed 5-pyrazolone and 5-thiopyrazolone derivatives

AU Devi, S.; Nayak, A.; Mittra, A. S.

CS Mayurbhanj Chem. Lab., Ravenshaw Coll., Cuttack, 753 003, India

SO J. Indian Chem. Soc. (1984), 61(7), 640-2

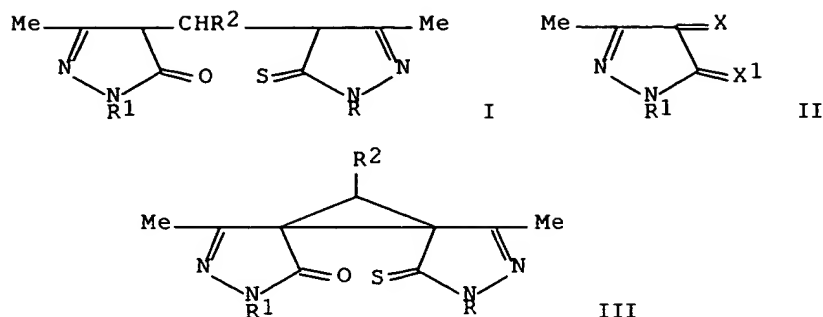
CODEN: JICSAH; ISSN: 0019-4522

DT Journal

LA English

OS CASREACT 102:185006

GI



AB The title compds. I (R = Ph, R1 = Ph, H, R2 = Ph, substituted Ph) were
prepd. in 40-55% yields by Michael addn. of pyrazolone II (X = R2CH, X1

= O) with II (X = H2, X1 = S) or analogously from II (X = R2CH, X1 = S)

and II (X = H2, X1 = O). Treating I with 20% NaOH and a satd. soln. of I-KI
gave 35-50% cyclopropanes III. I (R = R1 = R2 = Ph) inhibited

germination of *Pyricularia oryzae* and *Helminthosporium oryzae* 61 and 58%, resp., at
1000 ppm concn. III were somewhat less effective.

IT 10234-90-9 68761-49-9 68761-50-2
68761-51-3 68761-52-4 91436-09-8
91436-10-1

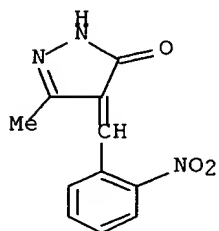
RL: RCT (Reactant)

(Michael reaction of, with pyrazolonethiones)

RN 10234-90-9 CAPLUS

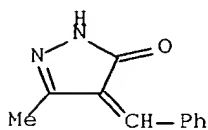
CN 3H-Pyrazol-3-one, 2,4-dihydro-5-methyl-4-[(2-nitrophenyl)methylene]-
(9CI)

(CA INDEX NAME)



RN 68761-49-9 CAPLUS

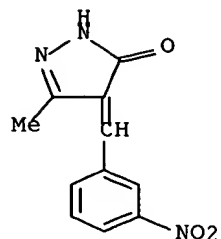
CN 3H-Pyrazol-3-one, 2,4-dihydro-5-methyl-4-(phenylmethylene)- (9CI) (CA
INDEX NAME)



RN 68761-50-2 CAPLUS

CN 3H-Pyrazol-3-one, 2,4-dihydro-5-methyl-4-[(3-nitrophenyl)methylene]-
(9CI)

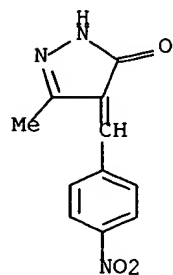
(CA INDEX NAME)



RN 68761-51-3 CAPLUS

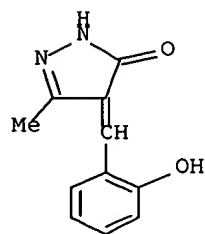
CN 3H-Pyrazol-3-one, 2,4-dihydro-5-methyl-4-[(4-nitrophenyl)methylene]-
(9CI)

(CA INDEX NAME)



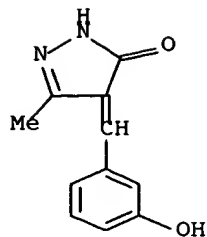
RN 68761-52-4 CAPLUS

CN 3H-Pyrazol-3-one, 2,4-dihydro-4-[(2-hydroxyphenyl)methylene]-5-methyl-
(9CI) (CA INDEX NAME)

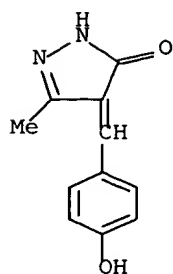


RN 91436-09-8 CAPLUS

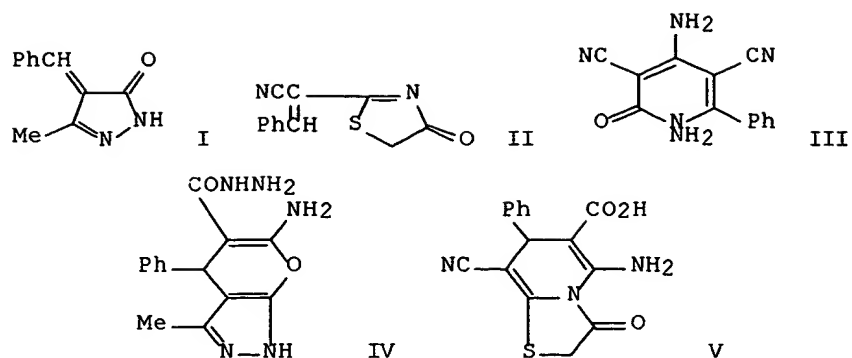
CN 3H-Pyrazol-3-one, 2,4-dihydro-4-[(3-hydroxyphenyl)methylene]-5-methyl-
(9CI) (CA INDEX NAME)



RN 91436-10-1 CAPLUS
 CN 3H-Pyrazol-3-one, 2,4-dihydro-4-[(4-hydroxyphenyl)methylene]-5-methyl-
 (9CI) (CA INDEX NAME)



L4 ANSWER 152 OF 190 CAPLUS COPYRIGHT 2001 ACS
 AN 1985:185005 CAPLUS
 DN 102:185005
 TI Activated nitriles in heterocyclic synthesis. Part III. Synthesis of
 N-amino-2-pyridone, pyranopyrazole and thiazolopyridine derivatives
 AU Elmoghayar, Mohamed Rifaat Hamza; El-Agamey, Abdel-Ghani Ali; Nasr,
 Mohamed Yousri Abdel-Samad; Sallam, Mohamed Mohamed Mohamed
 CS Fac. Sci., Cairo Univ., Damietta, Egypt
 SO J. Heterocycl. Chem. (1984), 21(6), 1885-7
 CODEN: JHTCAD; ISSN: 0022-152X
 DT Journal
 LA English
 OS CASREACT 102:185005
 GI



AB Refluxing $\text{H}_2\text{NNHCOCH}_2\text{CN}$ with PhCH:C(CN)_2 , pyrazolinone I, and thiazolinone

II in EtOH in the presence of piperidine gave pyridone III, pyranopyrazole

IV, and thiazolopyridine V resp.

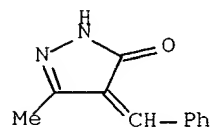
IT **68761-49-9**

RL: RCT (Reactant)

(cyclocondensation of, with cyanoacetohydrazide)

RN 68761-49-9 CAPLUS

CN 3H-Pyrazol-3-one, 2,4-dihydro-5-methyl-4-(phenylmethylene)- (9CI) (CA INDEX NAME)



L4 ANSWER 153 OF 190 CAPLUS COPYRIGHT 2001 ACS

AN 1984:571166 CAPLUS

DN 101:171166

TI Synthesis and fungitoxicity of 2-pyrazolin-4-(1'-aryl-1'-thioglycolic acid methyl)-5-one

AU Mitra, Pravati; Mittra, A. S.

CS Mayurbhanj Chem. Lab., Ravenshaw Coll., Cuttack, 753003, India

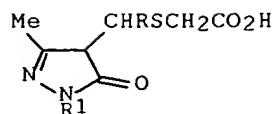
SO Acta Cienc. Indica, [Ser.] Chem. (1983), 9(1-4), 6-8

CODEN: ACICDV; ISSN: 0253-7338

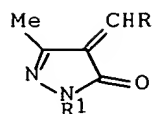
DT Journal

LA English

GI



I



II

AB Twenty-four title compds. I (R = aryl; R1 = Ph, H) were prepd. by Michael addn. of HSCH2CO2H with the corresponding 4-monoarylidene-2-pyrazolin-5-ones II. Eleven I were active against *Pyricularia oryzae* and *Helminthosporium oryzae*.

IT 10234-90-9 68761-49-9 68761-50-2
68761-51-3 68761-52-4 91436-09-8
91436-10-1

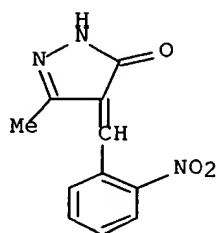
RL: RCT (Reactant)

(Michael reaction of, with thioglycolic acid)

RN 10234-90-9 CAPLUS

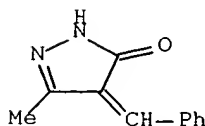
CN 3H-Pyrazol-3-one, 2,4-dihydro-5-methyl-4-[(2-nitrophenyl)methylene]-
(9CI)

(CA INDEX NAME)



RN 68761-49-9 CAPLUS

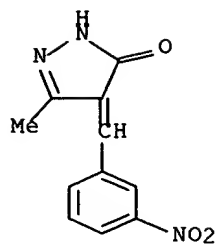
CN 3H-Pyrazol-3-one, 2,4-dihydro-5-methyl-4-(phenylmethylene)- (9CI) (CA
INDEX NAME)



RN 68761-50-2 CAPLUS

CN 3H-Pyrazol-3-one, 2,4-dihydro-5-methyl-4-[(3-nitrophenyl)methylene]-
(9CI)

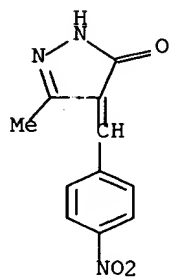
(CA INDEX NAME)



RN 68761-51-3 CAPLUS

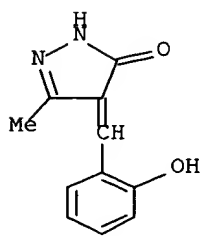
CN 3H-Pyrazol-3-one, 2,4-dihydro-5-methyl-4-[(4-nitrophenyl)methylene]-
(9CI)

(CA INDEX NAME)



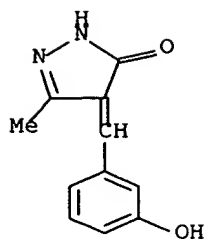
RN 68761-52-4 CAPLUS

CN 3H-Pyrazol-3-one, 2,4-dihydro-4-[(2-hydroxyphenyl)methylene]-5-methyl-
(9CI) (CA INDEX NAME)

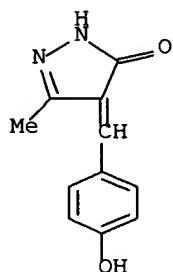


RN 91436-09-8 CAPLUS

CN 3H-Pyrazol-3-one, 2,4-dihydro-4-[(3-hydroxyphenyl)methylene]-5-methyl-
(9CI) (CA INDEX NAME)

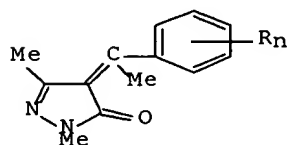


RN 91436-10-1 CAPLUS
 CN 3H-Pyrazol-3-one, 2,4-dihydro-4-[(4-hydroxyphenyl)methylene]-5-methyl-
 (9CI) (CA INDEX NAME)

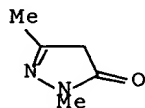


L4 ANSWER 154 OF 190 CAPLUS COPYRIGHT 2001 ACS
 AN 1984:490920 CAPLUS
 DN 101:90920
 TI 4-(.alpha.-Methylbenzylidene)-2-pyrazol-5-one derivatives
 PA Otsuka Chemical Co., Ltd., Japan
 SO Jpn. Kokai Tokkyo Koho, 6 pp.
 CODEN: JKXXAF
 DT Patent
 LA Japanese
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 59055872	A2	19840331	JP 1982-165315	19820922
GI					



I



II

AB Sixteen title compds. I (R = H, halo, alkyl, alkoxy, NO₂; n = 1-3),
 effective herbicides at 50 g/are, were prepd. Thus, a mixt. of 0.02 mol
 pyrazolone II and 0.024 mol 2,4-Cl₂C₆H₃Ac was heated 1 h at 120.degree.
 to

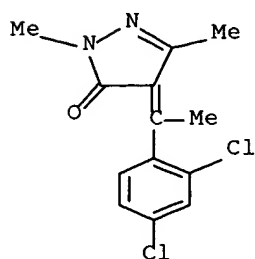
give 80.9% I (Rn = 2,4-Cl₂).

IT 91521-69-6P 91521-70-9P 91521-71-0P
 91521-72-1P 91521-73-2P 91521-74-3P
 91521-75-4P 91521-76-5P 91521-77-6P
 91521-78-7P 91521-79-8P 91521-80-1P
 91521-81-2P 91521-82-3P 91521-83-4P
 91521-84-5P

RL: BAC (Biological activity or effector, except adverse); SPN
 (Synthetic
 preparation); BIOL (Biological study); PREP (Preparation)
 (prepn. and herbicidal activity of)

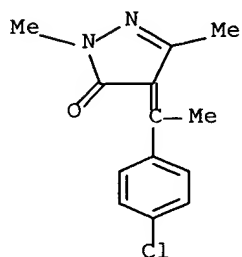
RN 91521-69-6 CAPLUS

CN 3H-Pyrazol-3-one, 4-[1-(2,4-dichlorophenyl)ethylidene]-2,4-dihydro-2,5-
 dimethyl- (9CI) (CA INDEX NAME)



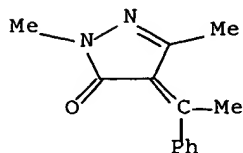
RN 91521-70-9 CAPLUS

CN 3H-Pyrazol-3-one, 4-[1-(4-chlorophenyl)ethylidene]-2,4-dihydro-2,5-
 dimethyl- (9CI) (CA INDEX NAME)



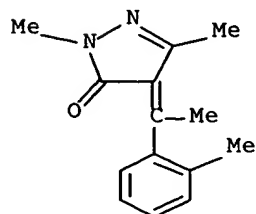
RN 91521-71-0 CAPLUS

CN 3H-Pyrazol-3-one, 2,4-dihydro-2,5-dimethyl-4-(1-phenylethylidene)- (9CI)
 (CA INDEX NAME)



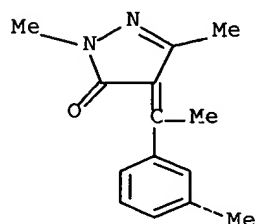
RN 91521-72-1 CAPLUS

CN 3H-Pyrazol-3-one, 2,4-dihydro-2,5-dimethyl-4-[1-(2-methylphenyl)ethylidene]- (9CI) (CA INDEX NAME)



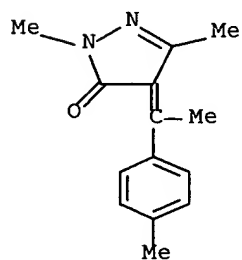
RN 91521-73-2 CAPLUS

CN 3H-Pyrazol-3-one, 2,4-dihydro-2,5-dimethyl-4-[1-(3-methylphenyl)ethylidene]- (9CI) (CA INDEX NAME)



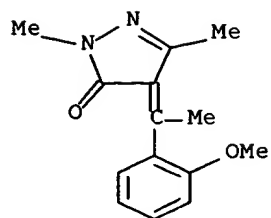
RN 91521-74-3 CAPLUS

CN 3H-Pyrazol-3-one, 2,4-dihydro-2,5-dimethyl-4-[1-(4-methylphenyl)ethylidene]- (9CI) (CA INDEX NAME)



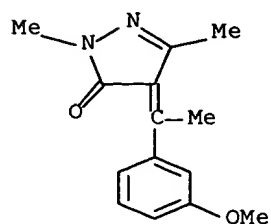
RN 91521-75-4 CAPLUS

CN 3H-Pyrazol-3-one, 2,4-dihydro-4-[1-(2-methoxyphenyl)ethylidene]-2,5-dimethyl- (9CI) (CA INDEX NAME)



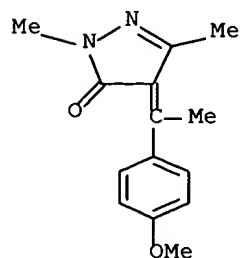
RN 91521-76-5 CAPLUS

CN 3H-Pyrazol-3-one, 2,4-dihydro-4-[1-(3-methoxyphenyl)ethylidene]-2,5-dimethyl- (9CI) (CA INDEX NAME)



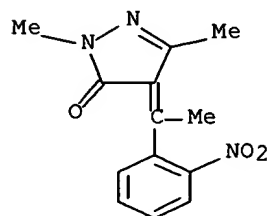
RN 91521-77-6 CAPLUS

CN 3H-Pyrazol-3-one, 2,4-dihydro-4-[1-(4-methoxyphenyl)ethylidene]-2,5-dimethyl- (9CI) (CA INDEX NAME)



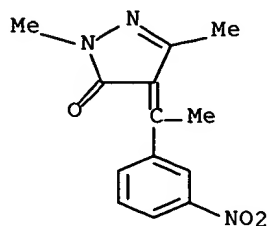
RN 91521-78-7 CAPLUS

CN 3H-Pyrazol-3-one, 2,4-dihydro-2,5-dimethyl-4-[1-(2-nitrophenyl)ethylidene]- (9CI) (CA INDEX NAME)



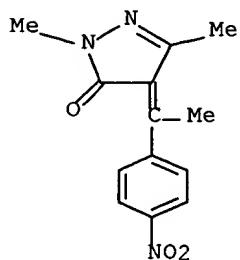
RN 91521-79-8 CAPLUS

CN 3H-Pyrazol-3-one, 2,4-dihydro-2,5-dimethyl-4-[1-(3-nitrophenyl)ethylidene]-
(9CI) (CA INDEX NAME)



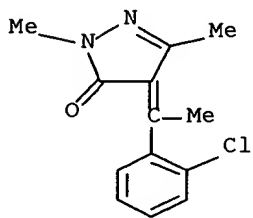
RN 91521-80-1 CAPLUS

CN 3H-Pyrazol-3-one, 2,4-dihydro-2,5-dimethyl-4-[1-(4-nitrophenyl)ethylidene]-
(9CI) (CA INDEX NAME)



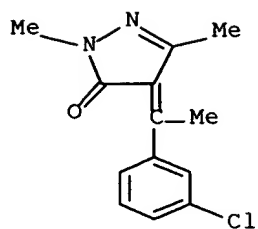
RN 91521-81-2 CAPLUS

CN 3H-Pyrazol-3-one, 4-[1-(2-chlorophenyl)ethylidene]-2,4-dihydro-2,5-dimethyl- (9CI) (CA INDEX NAME)

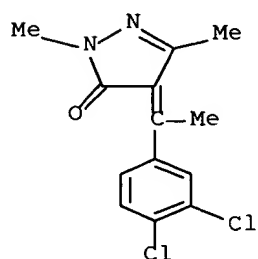


RN 91521-82-3 CAPLUS

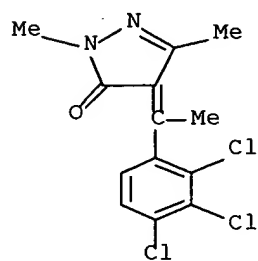
CN 3H-Pyrazol-3-one, 4-[1-(3-chlorophenyl)ethylidene]-2,4-dihydro-2,5-dimethyl- (9CI) (CA INDEX NAME)



RN 91521-83-4 CAPLUS
 CN 3H-Pyrazol-3-one, 4-[1-(3,4-dichlorophenyl)ethylidene]-2,4-dihydro-2,5-dimethyl- (9CI) (CA INDEX NAME)

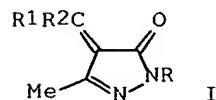


RN 91521-84-5 CAPLUS
 CN 3H-Pyrazol-3-one, 2,4-dihydro-2,5-dimethyl-4-[1-(2,3,4-trichlorophenyl)ethylidene]- (9CI) (CA INDEX NAME)



L4 ANSWER 155 OF 190 CAPLUS COPYRIGHT 2001 ACS
 AN 1984:472660 CAPLUS
 DN 101:72660
 TI Michael addition of ylidenepyrazolones
 AU Khalifa, Fathy A.; Abdel-Galil, Fathy M.; Riad, Bahia Y.; Elnagdi, Mohamed
 H.
 CS Fac. Sci., Cairo Univ., Giza, Egypt
 SO Indian J. Chem., Sect. B (1983), 22B(11), 1158-9
 CODEN: IJSBDB; ISSN: 0376-4699
 DT Journal
 LA English

OS CASREACT 101:72660
GI



AB The reactivity of ylidenepyrazolones I [R,R1,R2 = H, H, Ph (II); Ph, Me, OH (III), Ph, Me, NH2 (IV)] towards compds. bearing in activated double bond has been investigated. Thus, II on treatment with H2C:CHCN gave the

amide I (R = CH2CH2CONH2, R1, R2 = H) whereas treatment with H2C:CHCO2Et,

N-arylmaleimides, and MeO2CC.tplbond.CCO2Et, the Michael adducts were obtained. Reaction of III and IV with H2C:CHCN and H2C:CHCO2Et gave the adducts I [R = Ph; R1 = (CH2)3CONH2, (CH2)3CO2Et, R2 = OH, NH2].

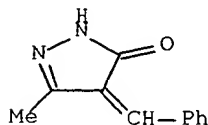
IT **68761-49-9**

RL: RCT (Reactant)

(Michael condensation of, with acrylonitrile)

RN 68761-49-9 CAPLUS

CN 3H-Pyrazol-3-one, 2,4-dihydro-5-methyl-4-(phenylmethylene)- (9CI) (CA INDEX NAME)



L4 ANSWER 156 OF 190 CAPLUS COPYRIGHT 2001 ACS

AN 1984:407428 CAPLUS

DN 101:7428

TI Phosphonic acid derivatives

PA Otsuka Chemical Co., Ltd., Japan

SO Jpn. Kokai Tokkyo Koho, 7 pp.

CODEN: JKXXAF

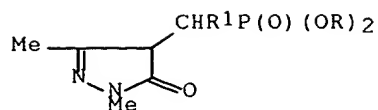
DT Patent

LA Japanese

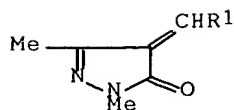
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
	-----	----	-----	-----	-----
PI	JP 59005197	A2	19840112	JP 1982-114654	19820630

GI



I



II

AB Twenty-four phosphonic acid derivs. I (R = H; R1 = unsubstituted, halo-, alkyl-, alkoxy- or nitro-substituted Ph or pyridyl) were prepd. by treating II with (R2O)2P(O)H (III; R2 = alkyl), followed by hydrolysis of

the resulting I (R = alkyl). I had herbicidal activity (data shown against Echinocloa crus-galli, Cyperus difformis, Lindernia procumbens, etc.). Thus, a mixt. of II (R1 = 2-tolyl) 2.1, III (R2 = Me) 1.1, and NaOH 0.4 g in MeOH was stirred at room temp. to give I (R = Me, same

R1),

which was refluxed with 36% aq. HCl to give 82% I (R = H, same R1).

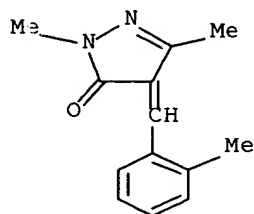
IT **88408-20-2**

RL: RCT (Reactant)

(reaction of, with di-Me phosphonate)

RN 88408-20-2 CAPLUS

CN 3H-Pyrazol-3-one, 2,4-dihydro-2,5-dimethyl-4-[(2-methylphenyl)methylene]-
(9CI) (CA INDEX NAME)



L4 ANSWER 157 OF 190 CAPLUS COPYRIGHT 2001 ACS

AN 1984:156536 CAPLUS

DN 100:156536

TI Friedlaender condensation of 1H-pyrazolin-5-ones with o-aminobenzaldehydes. Synthesis of 1H-pyrazolo[3,4-b]quinolines

AU Tomasik, Danuta; Tomasik, Piotr; Abramovitch, Rudolph A.

CS Dep. Chem. Phys., Hugon Kollataj Acad. Agric., Krakow, 30059, Pol.

SO J. Heterocycl. Chem. (1983), 20(6), 1539-43

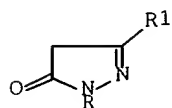
CODEN: JHTCAD; ISSN: 0022-152X

DT Journal

LA English

OS CASREACT 100:156536

GI



I

AB All the possible 1H-pyrazolin-5-ones I (R, R1 = H, Me, Ph) have been condensed with 2-H2NC6H4CHO. In some cases 1H-pyrazolo[3,4-b]quinolines are formed together with a variety of other products. The balance between

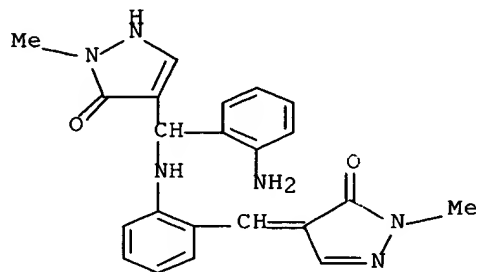
formation of hydrazone and the ring-closed product is discussed, as is the formation of other products obtained in these condensations.

IT 89522-17-8P 89522-19-0P 89522-25-8P

RL: FORM (Formation, nonpreparative); PREP (Preparation)
(formation of, in Friedlaender reaction of pyrazolinone with aminobenzaldehyde)

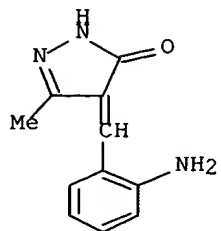
RN 89522-17-8 CAPLUS

CN 3H-Pyrazol-3-one, 4-[(2-aminophenyl)[[2-[(1,5-dihydro-1-methyl-5-oxo-4H-pyrazol-4-ylidene)methyl]phenyl]amino]methyl]-1,2-dihydro-2-methyl-
(9CI)
(CA INDEX NAME)



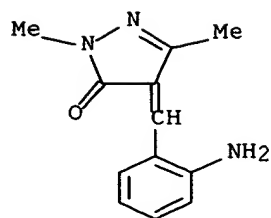
RN 89522-19-0 CAPLUS

CN 3H-Pyrazol-3-one, 4-[(2-aminophenyl)methylene]-2,4-dihydro-5-methyl-
(9CI)
(CA INDEX NAME)



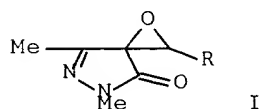
RN 89522-25-8 CAPLUS

CN 3H-Pyrazol-3-one, 4-[(2-aminophenyl)methylene]-2,4-dihydro-2,5-dimethyl-
(9CI) (CA INDEX NAME)

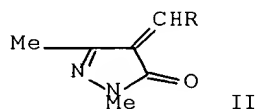


L4 ANSWER 158 OF 190 CAPLUS COPYRIGHT 2001 ACS
 AN 1984:34539 CAPLUS
 DN 100:34539
 TI Spirooxiranepyrazole derivatives
 PA Otsuka Pharmaceutical Co., Ltd., Japan
 SO Jpn. Kokai Tokkyo Koho, 8 pp.
 CODEN: JKXXAF
 DT Patent
 LA Japanese
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 58148886	A2	19830905	JP 1982-32872	19820301
GI					



I



II

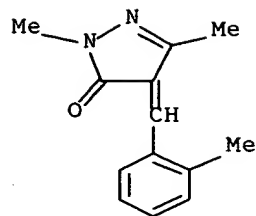
AB Twenty-one title derivs. I [R = (un)substituted Ph, (un)substituted pyridyl] were prepd. by epoxidn. of II. I had herbicidal activity and were tested against Echinochloa crus-galli, Cyperus difformis, Lindernia procumbens, etc. Thus, 17 g 30% aq. H2O2 was added to 10.7 g II (R = o-tolyl) in 0.5% aq. NaOH with ice cooling to give 84.3% I (R = o-tolyl).

IT **88408-20-2**

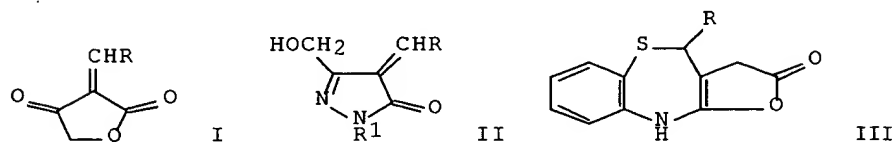
RL: RCT (Reactant)
 (epoxidn. of)

RN 88408-20-2 CAPLUS

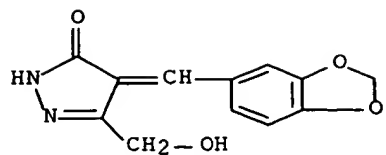
CN 3H-Pyrazol-3-one, 2,4-dihydro-2,5-dimethyl-4-[(2-methylphenyl)methylene]-
 (9CI) (CA INDEX NAME)



L4 ANSWER 159 OF 190 CAPLUS COPYRIGHT 2001 ACS
 AN 1983:594936 CAPLUS
 DN 99:194936
 TI Substituted .gamma.-butyrolactones. Part 32. Ring construction using
 3-(arylmethylene)-2,4(3H,5H)-furandione: synthesis of pyrazolones and
 furo[3,4-c][1,5]benzothiazepinones
 AU Schmidt, Diane Grob; Zimmer, Hans
 CS Dep. Chem., Univ. Cincinnati, Cincinnati, OH, 45221, USA
 SO J. Org. Chem. (1983), 48(23), 4367-70
 CODEN: JOCEAH; ISSN: 0022-3263
 DT Journal
 LA English
 OS CASREACT 99:194936
 GI

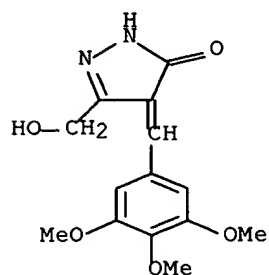


AB Arylmethylenefurandiones I [R = Ph, 4-ClC6H4, 2-ClC6H4, 4-BrC6H4,
 2-O2NC6H4, 3,4-(MeO)2C6H3, 3,4,5-(MeO)3C6H2, 3,4-methylenedioxyphenyl,
 5-methyl-2-thienyl] reacted with H2NNHR1 (R1 = H, Me) regioselectively
 to
 form pyrazolones II as the major product. With 2-HSC6H4NH2, I reacted
 to
 form furobenzothiazepinones III.
 IT 87191-99-9 87192-00-5 87192-01-6
 87192-02-7 87192-03-8 87192-04-9
 87192-05-0 87192-06-1 87192-07-2
 87192-08-3 87207-11-2
 RL: RCT (Reactant)
 (reaction of, with aminothiophenol, benzothiazepinone by)
 RN 87191-99-9 CAPLUS
 CN 3H-Pyrazol-3-one, 4-(1,3-benzodioxol-5-ylmethylene)-2,4-dihydro-5-
 (hydroxymethyl)- (9CI) (CA INDEX NAME)



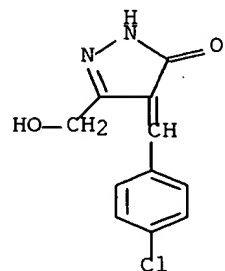
RN 87192-00-5 CAPLUS

CN 3H-Pyrazol-3-one, 2,4-dihydro-5-(hydroxymethyl)-4-[(3,4,5-trimethoxyphenyl)methylene]- (9CI) (CA INDEX NAME)



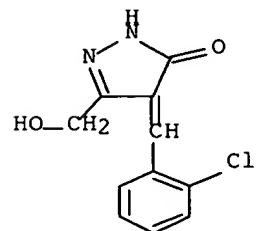
RN 87192-01-6 CAPLUS

CN 3H-Pyrazol-3-one, 4-[(4-chlorophenyl)methylene]-2,4-dihydro-5-(hydroxymethyl)- (9CI) (CA INDEX NAME)



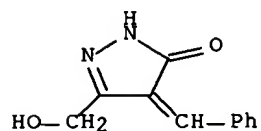
RN 87192-02-7 CAPLUS

CN 3H-Pyrazol-3-one, 4-[(2-chlorophenyl)methylene]-2,4-dihydro-5-(hydroxymethyl)- (9CI) (CA INDEX NAME)

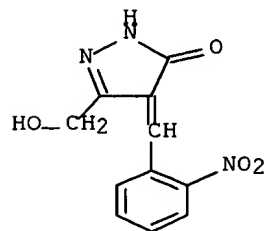


RN 87192-03-8 CAPLUS

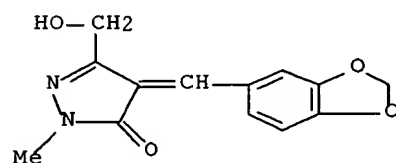
CN 3H-Pyrazol-3-one, 2,4-dihydro-5-(hydroxymethyl)-4-(phenylmethylene)-
(9CI)
(CA INDEX NAME)



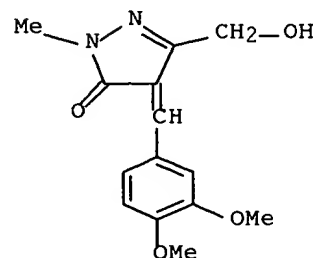
RN 87192-04-9 CAPLUS
CN 3H-Pyrazol-3-one, 2,4-dihydro-5-(hydroxymethyl)-4-[(2-nitrophenyl)methylene]- (9CI) (CA INDEX NAME)



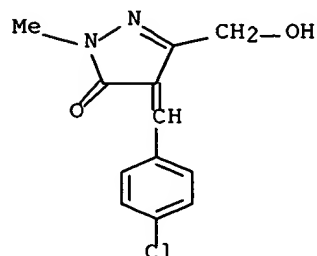
RN 87192-05-0 CAPLUS
CN 3H-Pyrazol-3-one, 4-(1,3-benzodioxol-5-ylmethylene)-2,4-dihydro-5-(hydroxymethyl)-2-methyl- (9CI) (CA INDEX NAME)



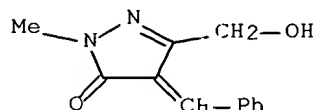
RN 87192-06-1 CAPLUS
CN 3H-Pyrazol-3-one, 4-[(3,4-dimethoxyphenyl)methylene]-2,4-dihydro-5-(hydroxymethyl)-2-methyl- (9CI) (CA INDEX NAME)



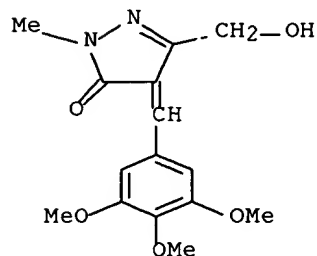
RN 87192-07-2 CAPLUS
CN 3H-Pyrazol-3-one, 4-[(4-chlorophenyl)methylene]-2,4-dihydro-5-(hydroxymethyl)-2-methyl- (9CI) (CA INDEX NAME)



RN 87192-08-3 CAPLUS
CN 3H-Pyrazol-3-one, 2,4-dihydro-5-(hydroxymethyl)-2-methyl-4-(phenylmethylene)- (9CI) (CA INDEX NAME)



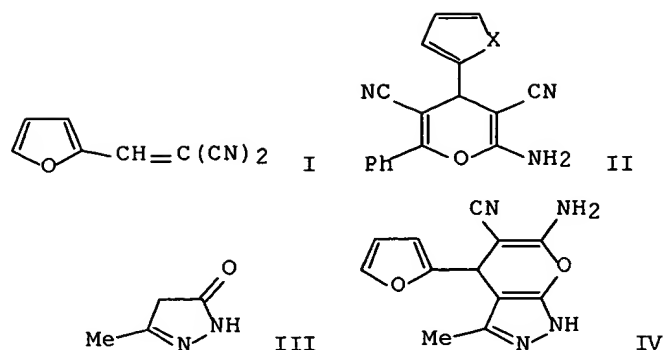
RN 87207-11-2 CAPLUS
CN 3H-Pyrazol-3-one, 2,4-dihydro-5-(hydroxymethyl)-2-methyl-4-[(3,4,5-trimethoxyphenyl)methylene]- (9CI) (CA INDEX NAME)



L4 ANSWER 160 OF 190 CAPLUS COPYRIGHT 2001 ACS
AN 1983:594746 CAPLUS
DN 99:194746
TI .alpha.,.beta.-Unsaturated nitriles in heterocyclic synthesis: the reaction of .beta.-(2-furanyl)- and .beta.-(2-thienyl)acrylonitrile with active methylene reagents
AU Girgis, Nabih Saddik; Elgemeie, Galal Eldin Hamza; Nawar, Galal Abdel Moeir; Elnagdi, Mohamed Hilmy
CS Natl. Res. Cent., Cairo, Egypt
SO Liebigs Ann. Chem. (1983), (9), 1468-75

CODEN: LACHDL; ISSN: 0170-2041

DT Journal
LA English
OS CASREACT 99:194746
GI



AB The reactions of .beta.-(2-furanyl)- and .beta.-(2-thienyl)acrylonitriles with active methylene reagents were investigated. New pyran and pyranodiazole derivs. were obtained. Thus, the furanylacetonitrile I and

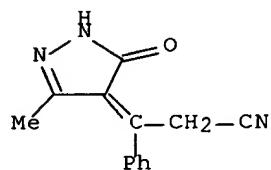
PhCOCH₂CN gave its pyran II. I and the pyrazole III gave the pyranopyrazole IV.

IT **87736-65-0P**

RL: SPN (Synthetic preparation); PREP (Preparation)
(prepn. of)

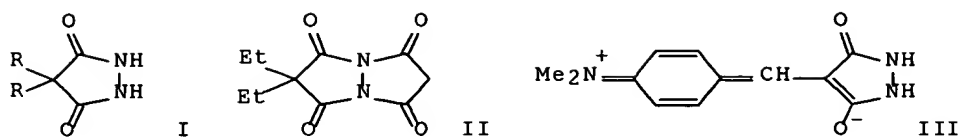
RN 87736-65-0 CAPLUS

CN Benzenepropanenitrile, .beta.-(1,5-dihydro-3-methyl-5-oxo-4H-pyrazol-4-ylidene)- (9CI) (CA INDEX NAME)



L4 ANSWER 161 OF 190 CAPLUS COPYRIGHT 2001 ACS
AN 1983:522367 CAPLUS
DN 99:122367
TI Synthesis of unsubstituted pyrazolidine-3,5-dione
AU Dubau, Franz Peter
CS Mechttersen, D-2121, Fed. Rep. Ger.
SO Chem. Ber. (1983), 116(7), 2714-16
CODEN: CHBEAM; ISSN: 0009-2940
DT Journal
LA German

OS CASREACT 99:122367
GI



AB Cyclizing $\text{EtO}_2\text{CCH}_2\text{CONHNH}_2$ with NaOMe gave 20% the title compd. (I, R = H).

$\text{Et}_2\text{C}(\text{COCl})_2$ cyclized with I (R = H) to give the same compd. II (27% yield)

as was also obtained from I (R = Et) and $\text{CH}_2(\text{COCl})_2$. Condensation of I (R

= H) with 4- $\text{Me}_2\text{NC}_6\text{H}_4\text{CHO}$ gave pyrazololate III, indicating the very active

CH_2 group of I (R = H).

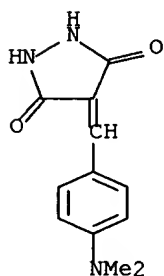
IT **87161-14-6P**

RL: SPN (Synthetic preparation); PREP (Preparation)
(prepn. of)

RN 87161-14-6 CAPLUS

CN 3,5-Pyrazolidinedione, 4-[[4-(dimethylamino)phenyl]methylene]- (9CI)
(CA

INDEX NAME)



L4 ANSWER 162 OF 190 CAPLUS COPYRIGHT 2001 ACS

AN 1983:438459 CAPLUS

DN 99:38459

TI 1,3,4-Trisubstituted-2-pyrazolin-5-one fungicides

IN Kurkov, Victor P.

PA Chevron Research Co. , USA

SO U.S., 6 pp.

CODEN: USXXAM

DT Patent

LA English

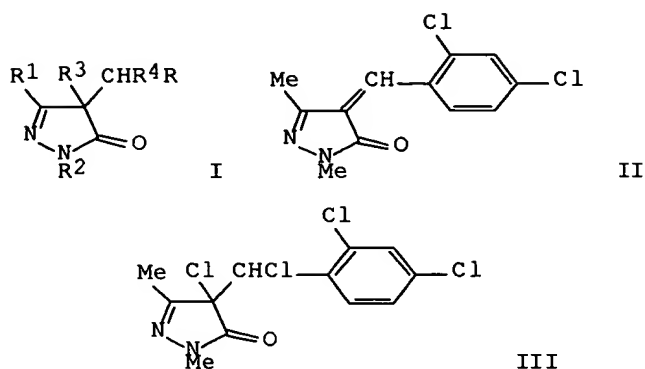
FAN.CNT 1

PATENT NO.

KIND DATE

APPLICATION NO. DATE

PI	US 4382948	A	19830510	US 1982-361653	19820325
OS	CASREACT 99:38459				
GI					



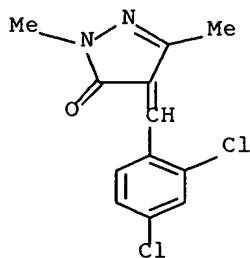
AB Fungicidal pyrazolinones I [R = R₅nC₆H₅-n (R₅ = F, Cl, Br, iodo, NO₂, F₃C; n = 0-3); R₁, R₂ = alkyl; R₃, R₄ = halo] were prepd. Thus, cyclocondensation of MeNHNH₂ and MeCOCH₂CO₂Et gave 1,3-dimethyl-2-pyrazolin-5-one which underwent condensation with 2,4-Cl₂C₆H₃CHO to give the benzylidenepyrazoline II. Chlorination of II gave III which possessed mycelial inhibiting activity against Rhizoctonia Solani 108% that of Difolatan.

IT **86370-93-6P**

RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation) (prepn. and chlorination of)

RN 86370-93-6 CAPLUS

CN 3H-Pyrazol-3-one, 4-[(2,4-dichlorophenyl)methylene]-2,4-dihydro-2,5-dimethyl- (9CI) (CA INDEX NAME)



L4 ANSWER 163 OF 190 CAPLUS COPYRIGHT 2001 ACS

AN 1983:215520 CAPLUS

DN 98:215520

TI Oxopyrazoline-spirooxiranes. A new class of reactive heterocycles

AU Ege, Seyhan N.; Adams, Alan D.; Gess, E. Joseph; Ragone, Katherine S.;

Kober, Brian J.; Lampert, Mark B.; Umrigar, Pesi; Lankin, David C.; Griffin, Gary W.

CS Dep. Chem., Univ. Michigan, Ann Arbor, MI, 48109, USA

SO J. Chem. Soc., Perkin Trans. 1 (1983), (2), 325-31

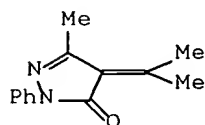
CODEN: JCPRB4; ISSN: 0300-922X

DT Journal

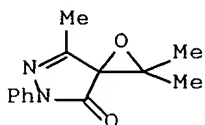
LA English

OS CASREACT 98:215520

GI



I



II

AB Oxidn. of 4-alkylidene- and 4-arylidene-1-aryl-2-pyrazolin-5-ones with H₂O₂ in MeOH contg. NaOH gave 1-oxa-5,6-diazaspiro[2.4]hept-6-en-4-ones. E.g., epoxidn. of pyrazolinone I as above gave 76% spiro compd. II.

These

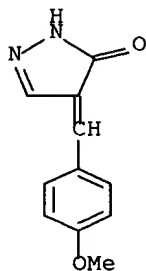
new compds. were characterized spectroscopically, esp. by NMR.

IT **85921-36-4**

RL: RCT (Reactant)
(oxidn. of)

RN 85921-36-4 CAPLUS

CN 3H-Pyrazol-3-one, 2,4-dihydro-4-[(4-methoxyphenyl)methylene]- (9CI) (CA INDEX NAME)



L4 ANSWER 164 OF 190 CAPLUS COPYRIGHT 2001 ACS

AN 1983:34466 CAPLUS

DN 98:34466

TI Activated nitriles in heterocyclic synthesis: synthesis of several new coumarin derivatives

AU Abdou, Sadek; Fahmy, Sherif Mahmoud; Khader, Mahmoud M.; Elnagdi, Mohamed

Hilmy

CS Fac. Sci., Cairo Univ., Giza, Egypt

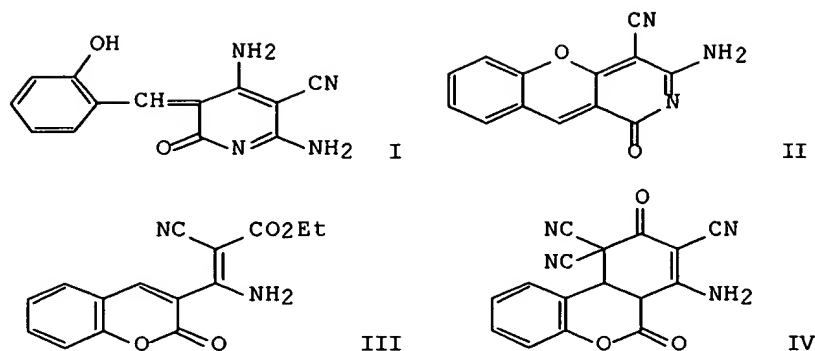
SO Monatsh. Chem. (1982), 113(8-9), 985-91

CODEN: MOCMB7; ISSN: 0026-9247

DT Journal

LA English

GI



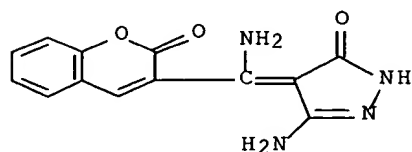
AB NCC(NH₂):C(CN)₂ reacted with 2-HOC₄H₄CHO to give the adduct I, which underwent cyclization to give the benzopyranopyridine II.
EtO₂CC(NH₂):CCCN)CO₂Et underwent cyclization with 2-HOC₆H₄CHO to give the benzopyran III. III underwent reactions with active methyleno compds. to give various adducts, e.g. IV.

IT **84156-08-1P**

RL: SPN (Synthetic preparation); PREP (Preparation)
(prepn. of)

RN 84156-08-1 CAPLUS

CN 3H-Pyrazol-3-one, 5-amino-4-[amino(2-oxo-2H-1-benzopyran-3-yl)methylene]-
2,4-dihydro- (9CI) (CA INDEX NAME)



L4 ANSWER 165 OF 190 CAPLUS COPYRIGHT 2001 ACS

AN 1982:104138 CAPLUS

DN 96:104138

TI Activated nitriles in heterocyclic synthesis: a novel synthesis of pyrano[2,3-c]pyrazoles

AU Abdou, Sadek; Fahmy, Sherif Mahmoud; Sadek, Kamal Usef; Elnagdi, Mohamed Hilmy

CS Fac. Sci., Minia Univ., Egypt

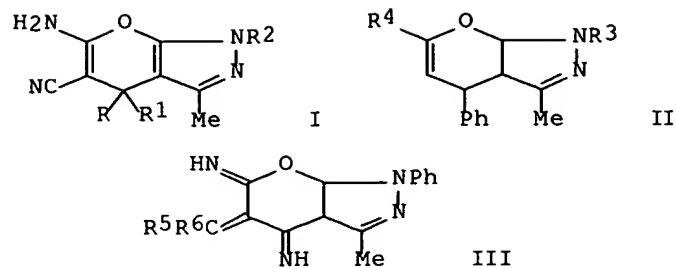
SO Heterocycles (1981), 16(12), 2177-80

CODEN: HTCYAM; ISSN: 0385-5414

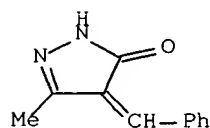
DT Journal

LA English

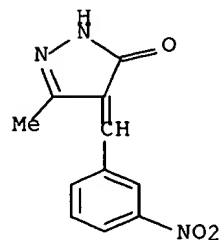
GI



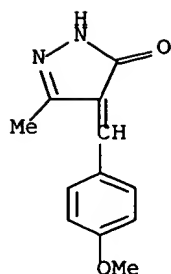
AB Pyranopyrazoles I [R = (un)substituted Ph, R1 = H, (un)substituted Ph,
 R2 = H, Ph, RR1 = 9-fluorenylidanyl], II (R3 = H, Ph, R4 = OH, Ph), and III
 (R5 = Ph, p-MeOC6H4, m-O2NC6H4, R6 = H; R5 = R6 = Ph, p-MeOC6H4; R5R6 =
 9-fluorenylidanyl) were prepd. in 50-94% yields by cyclocondensation
 reactions of phenylacrylonitriles with 3-methyl- and 3-methyl-1-phenyl-
 2-pyrazolin-5-ones.
 IT **68761-49-9 68761-50-2 76074-80-1**
 RL: RCT (Reactant)
 (cyclocondensation of, with malononitrile)
 RN 68761-49-9 CAPLUS
 CN 3H-Pyrazol-3-one, 2,4-dihydro-5-methyl-4-(phenylmethylene)- (9CI) (CA
 INDEX NAME)



RN 68761-50-2 CAPLUS
 CN 3H-Pyrazol-3-one, 2,4-dihydro-5-methyl-4-[(3-nitrophenyl)methylene]-
 (9CI)
 (CA INDEX NAME)



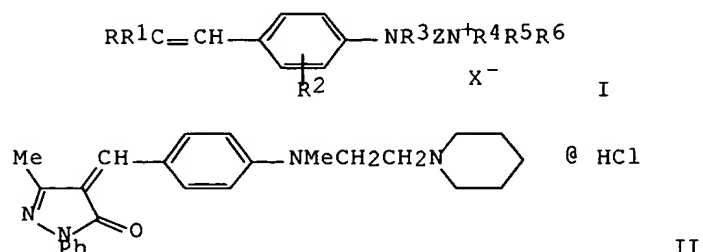
RN 76074-80-1 CAPLUS
 CN 3H-Pyrazol-3-one, 2,4-dihydro-4-[(4-methoxyphenyl)methylene]-5-methyl-
 (9CI) (CA INDEX NAME)



L4 ANSWER 166 OF 190 CAPLUS COPYRIGHT 2001 ACS
 AN 1981:552152 CAPLUS
 DN 95:152152
 TI Bleachable dyes and their use in photographic material
 IN Postle, Stephen Roderick
 PA Ciba-Geigy A.-G., Switz.
 SO Eur. Pat. Appl., 27 pp.
 CODEN: EPXXDW
 DT Patent
 LA German
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	EP 29412	A2	19810527	EP 1980-810350	19801113
	EP 29412	A3	19811202		
	R: BE, CH, DE, FR, GB, IT				
	US 4369310	A	19830118	US 1980-199162	19801022
	JP 56084752	A2	19810710	JP 1980-159699	19801114
PRAI	GB 1979-39970		19791119		

GI



AB Bleachable dyes (I; R, R1 = CN, acyl, carbalkoxy; R1 .noteq. CN or carbalkoxy when R is CN; RR1C = carbocyclic or heterocyclic ring; R2 = H, alkyl, alkoxy; R3 = alkyl; R4, R5, R6 = H, alkyl, carboxyalkyl, alkoxyalkyl, aryl; 2 or 3 of R4, R5, R6 may be combined with the attached N to form a ring system; Z = bridging group; X- = anion) are prepd. for use as antihalation dyes, filter dyes, and screening dyes. Thus, a mixt. of N-[2-(N-piperidyl)ethyl]-N-methylaniline-4-

carboxaldehyde

[79049-79-9] and 3-methyl-1-phenyl-5-pyrazolone [1932-03-2] was refluxed

in HOAc to give II [79049-43-7] with λ_{max} (gelatin) 415 nm, 98% substantivity, and 100% bleachability in gelatin.

IT 79049-57-3P

RL: IMF (Industrial manufacture); PREP (Preparation)
(photog. dye, bleachable, prepn. of)

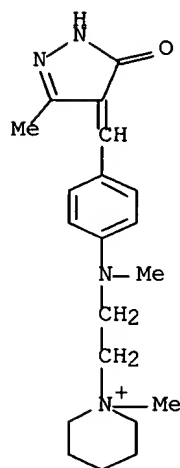
RN 79049-57-3 CAPLUS

CN Piperidinium, 1-[2-[[4-[(1,5-dihydro-3-methyl-5-oxo-4H-pyrazol-4-ylidene)methyl]phenyl]methylamino]ethyl]-1-methyl-, methyl sulfate (9CI)
(CA INDEX NAME)

CM 1

CRN 79049-56-2

CMF C20 H29 N4 O



CM 2

CRN 21228-90-0

CMF C H3 O4 S

Me—O—SO₃⁻

L4 ANSWER 167 OF 190 CAPLUS COPYRIGHT 2001 ACS

AN 1981:415903 CAPLUS

DN 95:15903

TI Photographic halation and irradiation inhibiting oxonol dyes

PA Oriental Photo Industrial Co., Ltd., Japan

SO Jpn. Kokai Tokkyo Koho, 6 pp.

CODEN: JKXXAF

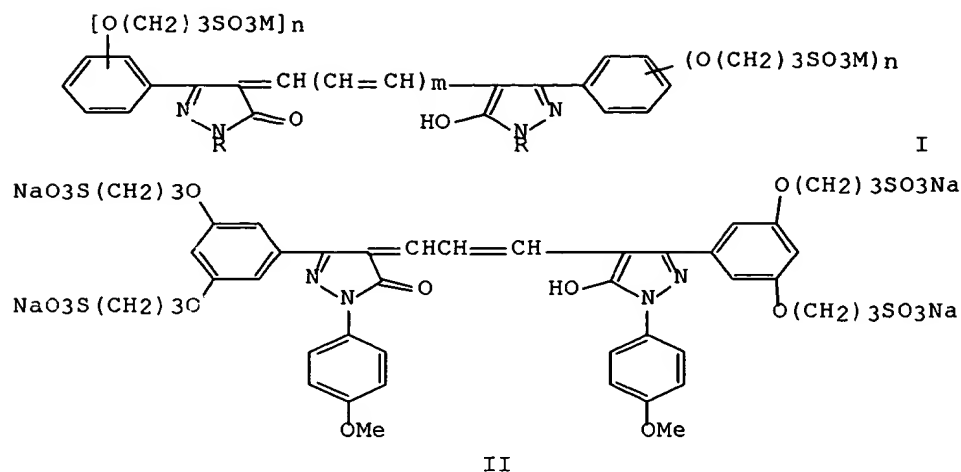
DT Patent

LA Japanese

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 55161233	A2	19801215	JP 1979-69602	19790604
	JP 62041262	B4	19870902		

GI



AB Oxonol dyes of the formula I (M = cation; R = alkyl, aryl; n = 1, 2; m = 0, 1, 2) are used as photog. halation and irradiation inhibitors. Thus, an oxonol dye II was added to a gelatin solution and the mixture was coated on a paper. The dye II was removed completely when the paper was treated 1

min

in a photog. developer solution.

IT **78042-48-5**

RL: USES (Uses)

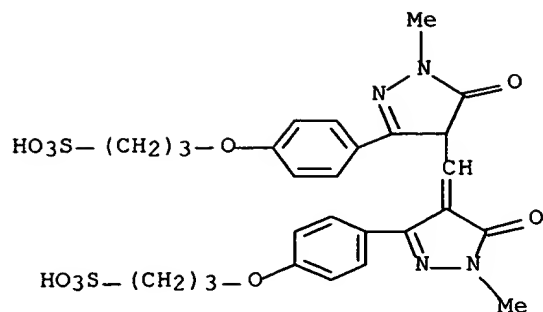
(photog. halation and irradiation inhibitor)

RN 78042-48-5 CAPLUS

CN 1-Propanesulfonic acid, 3-[4-[4-[[1,5-dihydro-1-methyl-5-oxo-3-[4-(3-sulfopropoxy)phenyl]-4H-pyrazol-4-ylidene]methyl]-4,5-dihydro-1-methyl-

5-

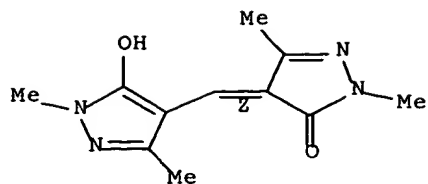
oxo-1H-pyrazol-3-yl]phenoxy]-, disodium salt (9CI) (CA INDEX NAME)



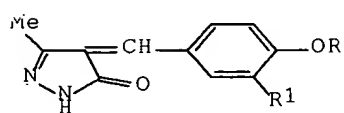
●2 Na

L4 ANSWER 168 OF 190 CAPLUS COPYRIGHT 2001 ACS
 AN 1981:75045 CAPLUS
 DN 94:75045
 TI The structures of two rubazoic acid derivatives
 AU Drueck, U.; Littke, W.
 CS Chem. Lab., Univ. Freiburg, Freiburg, D-7800, Fed. Rep. Ger.
 SO Acta Crystallogr., Sect. B (1980), B36(12), 3002-7
 CODEN: ACBCAR; ISSN: 0567-7408
 DT Journal
 LA English
 AB Rubazoic acid derivs. form a strong chelated H bond in an eight-membered ring. 4-(5-Hydroxyl-1,3-dimethyl-4-pyrazolylmethylene)-1,3-dimethyl-2-pyrazolin-5-one(I) is orthorhombic, space group Pnma, with a 8.420(9), b 6.736(9), and c 20.68(2) .ANG.; Z = 4. 4-(5-Hydroxy-1,3-dimethyl-4-pyrazolylimino)-1,3-dimethyl-2-pyrazolin-5-one(II) is orthorhombic, space group Pcba, with a 8.524(2), b 13.320(8), and c 40.44(2) .ANG.; Z = 8 (2 mols./Z). Both structures were solved by direct methods and refined by least squares. The final R value for I is 0.068, for II 0.089. The 8-membered chelate ring of I is completely planar, as is the whole mol. frame, whereas the chelate ring of II shows a torsion at the imino group.
 I and II contain strong intramol. H bonds with O-O distances of 2.425 and 2.44 .ANG., resp.
 IT **61466-10-2**
 RL: PRP (Properties)
 (crystal structure of)
 RN 61466-10-2 CAPLUS
 CN 3H-Pyrazol-3-one, 2,4-dihydro-4-[(5-hydroxy-1,3-dimethyl-1H-pyrazol-4-yl)methylene]-2,5-dimethyl-, (Z)- (9CI) (CA INDEX NAME)

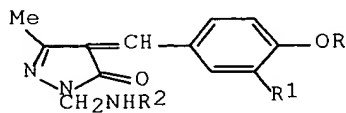
Double bond geometry as shown.



L4 ANSWER 169 OF 190 CAPLUS COPYRIGHT 2001 ACS
 AN 1981:30629 CAPLUS
 DN 94:30629
 TI Synthesis and biological evaluation of 1-arylaminomethyl-3-methyl-4-substituted benzylidene-5-pyrazolones. A new class of pesticides
 AU Sen Gupta, Anil K.; Gupta, Anurag Ateet
 CS Dep. Chem., Lucknow Univ., Lucknow, 226007, India
 SO Bokin Bobai (1980), 8(7), 283-8
 CODEN: BOBODP; ISSN: 0385-5201
 DT Journal
 LA English
 GI

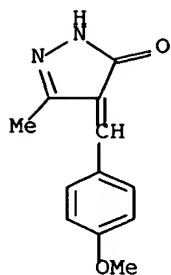


I

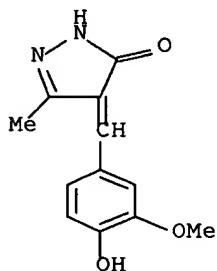


II

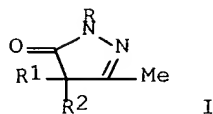
AB Mannich reaction of benzylidenepyrazolones I (R = H, Me; R1 = H, OMe) with R2NH2 (R2 = optionally substituted Ph, morpholino, piperidino) gave 60-80% arylaminomethylbenzylidenepyrazolones II. II showed bactericidal activity in the agar plate test, but little insecticidal activity. Structure-activity relations are discussed.
 IT **76074-80-1P 76074-81-2P**
 RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation) (prepn. and aminomethylation of)
 RN 76074-80-1 CAPLUS
 CN 3H-Pyrazol-3-one, 2,4-dihydro-4-[(4-methoxyphenyl)methylene]-5-methyl-(9CI) (CA INDEX NAME)



RN 76074-81-2 CAPLUS
 CN 3H-Pyrazol-3-one, 2,4-dihydro-4-[(4-hydroxy-3-methoxyphenyl)methylene]-
 5-methyl- (9CI) (CA INDEX NAME)



L4 ANSWER 170 OF 190 CAPLUS COPYRIGHT 2001 ACS
 AN 1979:54875 CAPLUS
 DN 90:54875
 TI Synthesis and fungicidal activity of arylideneacetoacetic hydrazides
 AU Nayak, A.; Mittra, A. S.
 CS Mayurbhanj Chem. Lab., Ravenshaw Coll., Cuttack, India
 SO J. Indian Chem. Soc. (1978), 55(6), 593-7
 CODEN: JICSAH; ISSN: 0019-4522
 DT Journal
 LA English
 GI



AB Treatment of 2-pyrazolin-5-ones I [R = H, Ph; R1 = R2 = H or R1R2 = (un)substituted benzylidene] (26 compds.) with N2H4 resulted in cleavage to give acetoacetic hydrazides RNHN:CMcCR1R2CONHNH2. The latter underwent Michael addn. with starting I to give I [R = H, R1 = RNHN:NMeCH(CONHNH2)CHR2, where R2 = (un)substituted benzyl]. Most of

the

products are active against rice blast and brown leaf spot pathogens.

IT 10234-90-9 68761-49-9 68761-50-2

68761-51-3 68761-52-4

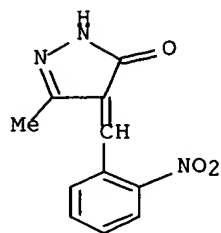
RL: RCT (Reactant)

(hydrazinolysis and fungicidal activity of)

RN 10234-90-9 CAPLUS

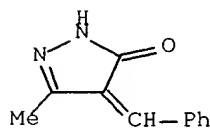
CN 3H-Pyrazol-3-one, 2,4-dihydro-5-methyl-4-[(2-nitrophenyl)methylene]-
(9CI)

(CA INDEX NAME)



RN 68761-49-9 CAPLUS

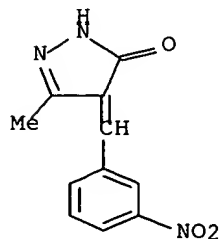
CN 3H-Pyrazol-3-one, 2,4-dihydro-5-methyl-4-(phenylmethylene)- (9CI) (CA
INDEX NAME)



RN 68761-50-2 CAPLUS

CN 3H-Pyrazol-3-one, 2,4-dihydro-5-methyl-4-[(3-nitrophenyl)methylene]-
(9CI)

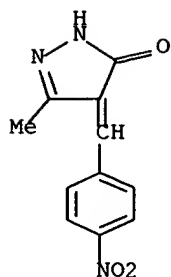
(CA INDEX NAME)



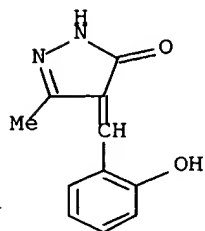
RN 68761-51-3 CAPLUS

CN 3H-Pyrazol-3-one, 2,4-dihydro-5-methyl-4-[(4-nitrophenyl)methylene]-
(9CI)

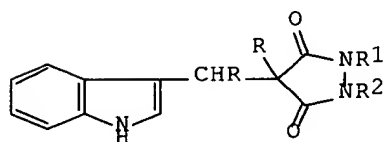
(CA INDEX NAME)



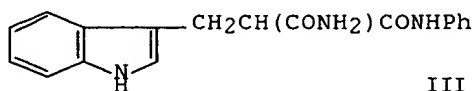
RN 68761-52-4 CAPLUS
 CN 3H-Pyrazol-3-one, 2,4-dihydro-4-[(2-hydroxyphenyl)methylene]-5-methyl-
 (9CI) (CA INDEX NAME)



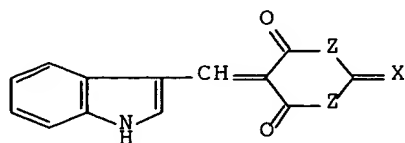
L4 ANSWER 171 OF 190 CAPLUS COPYRIGHT 2001 ACS
 AN 1979:54764 CAPLUS
 DN 90:54764
 TI Synthesis and properties of some Lewis and Broensted acids of the indole
 series
 AU Velezheva, V. S.; Erofeev, Yu. V.; Yares'ko, N. S.; Balabushevich, A.
 G.;
 Suvorov, N. N.
 CS Mosk. Khim.-Tekhnol. Inst., Moscow, USSR
 SO Khim. Geterotsikl. Soedin. (1978), (10), 1343-8
 CODEN: KGSSAQ; ISSN: 0453-8234
 DT Journal
 LA Russian
 GI



I



III



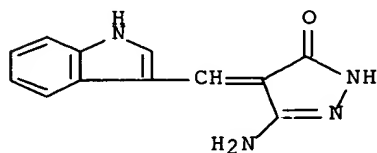
IV

AB Redn. of pyrazolyldenemethylindole I (RR = bond; R1 = R2 = Ph; R1 = H,
R2 = Ph(II)), prepd. by condensation of the indolecarboxaldehyde with the
resp. pyrazolone, over Pd gave 80-2% I (R = H). Redn. of II over Ni
gave 85% III. Treatment of I (RR = bond) with EtONa gave the corresponding
Na salts. Condensation of 2- or 3-indolecarboxaldehyde with cyclic CH
acids gave 63-97% products, e.g., IV (Z = NH, X = O, S, Me2), which also
formed Na salts when treated with NaOEt.

IT **69008-55-5P**
RL: SPN (Synthetic preparation); PREP (Preparation)
(prepn. and conversion to sodium salt)

RN 69008-55-5 CAPLUS

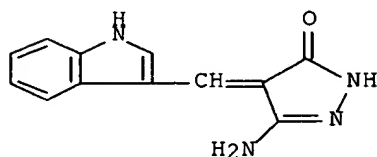
CN 3H-Pyrazol-3-one, 5-amino-2,4-dihydro-4-(1H-indol-3-ylmethylene)- (9CI)
(CA INDEX NAME)



IT **69008-65-7P**
RL: SPN (Synthetic preparation); PREP (Preparation)
(prepn. of)

RN 69008-65-7 CAPLUS

CN 3H-Pyrazol-3-one, 5-amino-2,4-dihydro-4-(1H-indol-3-ylmethylene)-,
monosodium salt (9CI) (CA INDEX NAME)



● Na

L4 ANSWER 172 OF 190 CAPLUS COPYRIGHT 2001 ACS

AN 1978:192672 CAPLUS

DN 88:192672

TI Carriers and inks for transfer printing

IN Decombe, Robert

PA Sublistatic Holding S. A., Switz.

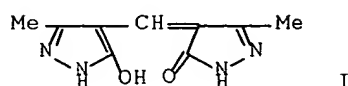
SO Ger. Offen., 16 pp.
CODEN: GWXXBX

DT Patent

LA German
FAN.CNT 3

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	DE 2739174	A1	19780309	DE 1977-2739174	19770831
	DE 2739174	B2	19790301		
	BE 858367	A1	19780302	BE 1977-180648	19770902
	BE 858366	A1	19780302	BE 1977-180647	19770902
	BE 858365	A1	19780302	BE 1977-180646	19770902
	FR 2363664	A1	19780331	FR 1977-26671	19770902
	FR 2363664	B1	19790713		
PRAI	CH 1976-11193		19760903		
	CH 1977-2979		19770309		

GI

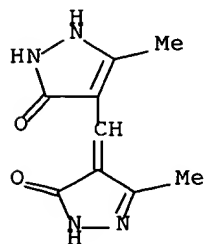


AB Aminoplast-impregnated cotton, cotton-polyester, and polyester are transfer printed fast shades by contacting with transfer sheets which have been printed with inks contg. a sublimable mixt. of a diaminoanthraquinone dye and a (phenylazo)pyridone dye or pyrazolone dye I [66487-20-5].

IT 66487-20-5
RL: USES (Uses)
(transfer printing compn. contg., for aminoplast-impregnated cotton and cotton-polyester textiles)

RN 66487-20-5 CAPLUS

CN 3H-Pyrazol-3-one, 4-[(1,5-dihydro-3-methyl-5-oxo-4H-pyrazol-4-ylidene)methyl]-1,2-dihydro-5-methyl- (9CI) (CA INDEX NAME)



L4 ANSWER 173 OF 190 CAPLUS COPYRIGHT 2001 ACS

AN 1978:192671 CAPLUS

DN 88:192671

TI Carriers and inks for transfer printing

IN Decombe, Robert; Moeckli, Peter

PA Ciba-Geigy A.-G., Switz.; Sublistatic Holding S. A.

SO Ger. Offen., 16 pp.

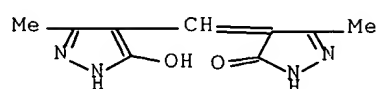
CODEN: GWXXBX

DT Patent

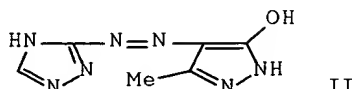
LA German

FAN.CNT 3

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	DE 2739314	A1	19780309	DE 1977-2739314	19770901
	BE 858367	A1	19780302	BE 1977-180648	19770902
	BE 858366	A1	19780302	BE 1977-180647	19770902
	BE 858365	A1	19780302	BE 1977-180646	19770902
	FR 2363664	A1	19780331	FR 1977-26671	19770902
	FR 2363664	B1	19790713		
	FR 2363449	A1	19780331	FR 1977-26670	19770902
	FR 2363450	A1	19780331	FR 1977-26672	19770902
	ES 462235	A1	19781216	ES 1977-462235	19770902
	ES 462074	A1	19790101	ES 1977-462074	19770902
	GB 1556119	A	19791121	GB 1977-36797	19770902
	JP 53031881	A2	19780325	JP 1977-105406	19770903
	JP 53031880	A2	19780325	JP 1977-105405	19770903
PRAI	CH 1976-11193		19760903		
	CH 1977-2939		19770309		
GI					



I



II

AB Transfer sheets are printed with inks contg. yellow dyes I [**66487-20-5**], II [66487-27-2], or their mixts. with aminoanthraquinone dyes and used to print polyester and hexamethylolmelamine-polyethylene glycol-treated cotton fast, level yellow

to green shades.

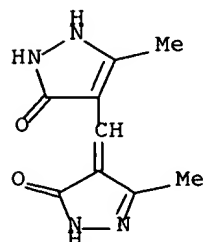
IT **66487-20-5**

RL: USES (Uses)

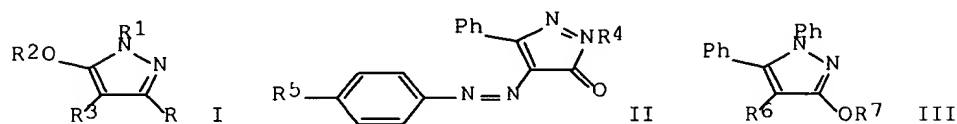
(dye, for transfer printing polyester and treated-cotton textiles)

RN 66487-20-5 CAPLUS

CN 3H-Pyrazol-3-one, 4-[(1,5-dihydro-3-methyl-5-oxo-4H-pyrazol-4-ylidene)methyl]-1,2-dihydro-5-methyl- (9CI) (CA INDEX NAME)



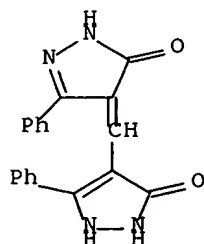
L4 ANSWER 174 OF 190 CAPLUS COPYRIGHT 2001 ACS
 AN 1978:136510 CAPLUS
 DN 88:136510
 TI Reactions of 5-pyrazolone derivatives
 AU Al-Hajjar, Farouk H.
 CS Dep. Chem., Univ. Kuwait, Kuwait, Kuwait
 SO J. Univ. Kuwait, Sci. (1976), 3, 39-56
 CODEN: JUKSD8; ISSN: 0376-4818
 DT Journal
 LA English
 GI



AB Methylation of hydroxypyrazoles I (R = Ph, 4-MeC₆H₄, 4-MeOC₆H₄; R₁-R₃ = H)
 with CH₂N₂ or Me₂SO₄ in neutral or alk. media gave I (R = Ph, 4-MeC₆H₄, 4-MeOC₆H₄; R₁ = R₃ = H, R₂ = Me). The bromination of I (R = Ph, R₁-R₃ = H) gave I (R₃ = Br), which was methylated to give I (R = Ph, R₁ = H, R₂ =

= Me, R₃ = Br) and acetylated to give I (R = Ph, R₁ = R₂ = Ac, R₃ = Br).
 When the phenylazopyrazole II (R₄ = R₅ = H) was treated with Me₂SO₄,
 Ac₂O,
 and Br the corresponding II (R₄ = Me, R₅ = H), II (R₄ = Ac, R₅ = H), and
 II (R₄ = H, R₅ = Br) were obtained. The reaction of III (R₆ = R₇ = H)
 with CH₂N₂ gave III (R₆ = H, R₇ = Me) which was brominated to give III
 (R₆ = Br, R₇ = Me).

IT **66076-96-8P**
 RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation)
 (prepn. and acetylation of)
 RN 66076-96-8 CAPLUS
 CN 3H-Pyrazol-3-one, 4-[(1,5-dihydro-5-oxo-3-phenyl-4H-pyrazol-4-ylidene)methyl]-1,2-dihydro-5-phenyl- (9CI) (CA INDEX NAME)



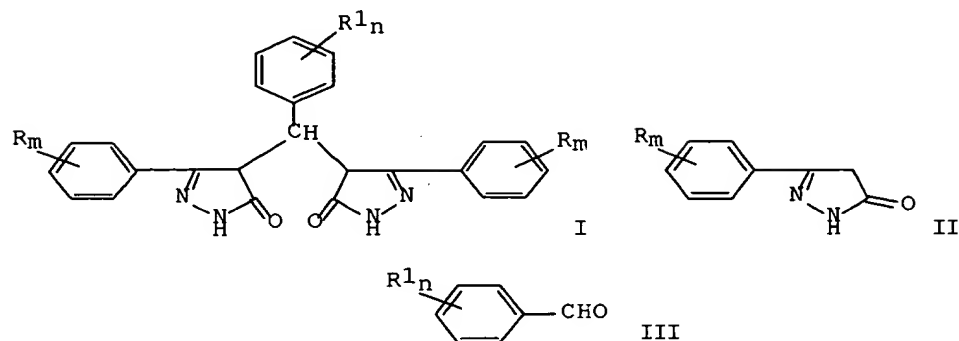
L4 ANSWER 175 OF 190 CAPLUS COPYRIGHT 2001 ACS
 AN 1977:502321 CAPLUS
 DN 87:102321

TI Bispyrazolinones
 IN Misawa, Takeshi; Goto, Takeshi
 PA Otsuka Chemical Drugs Co., Ltd., Japan
 SO Japan. Kokai, 7 pp.
 CODEN: JKXXAF

DT Patent
 LA Japanese

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 52051366	A2	19770425	JP 1975-126509	19751020
GI					



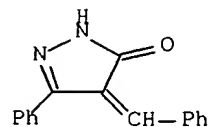
AB Thirty-one fungicidal (no data) bispyrazolones I ($R_m = H$, alkyl, etc.; R_{1n} = H, alkyl, etc., $m = 1-2$; $n = 1-2$) were prepd. by treating II with III. Thus, 8 g II ($R_m = H$) and 5.3 g PhCHO were heated and the resulting 4-benzylidene-3-phenylpyrazolinone treated with 8 g II ($R_m = H$) and 60% hydrazine hydrate in EtOH to give 89.7% ($R_m = R_{1n} = H$). Among 30 more I similarly prepd. were the following (R_m and R_{1n} given): H, 3-Me; 2,4-Cl₂, 2-Cl; 2-Cl, 3-Me; 3-Me, 2,4-Cl₂.

IT 63554-75-6P

RL: SPN (Synthetic preparation); PREP (Preparation)
 (prepn. and condensation with phenylpyrazolinone)

RN 63554-75-6 CAPLUS

CN 3H-Pyrazol-3-one, 2,4-dihydro-5-phenyl-4-(phenylmethylene)- (9CI) (CA INDEX NAME)



L4 ANSWER 176 OF 190 CAPLUS COPYRIGHT 2001 ACS

AN 1977:120186 CAPLUS

DN 86:120186

TI IR and NMR spectroscopic studies on rubazonic acids. An unusual

eight-membered ring proton chelate with double minimum potential

AU Bratan-Mayer, Silke; Strohbusch, Frank; Haensel, Wolfram

CS Inst. Phys. Chem., Univ. Freiburg/Br., Freiburg/Br., Ger.

SO Z. Naturforsch., B: Anorg. Chem., Org. Chem. (1976), 31B(8), 1106-15
CODEN: ZNBAD2

DT Journal

LA German

GI For diagram(s), see printed CA Issue.

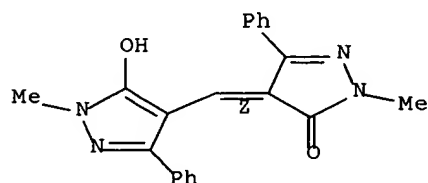
AB The IR and NMR spectra of rubazonic acids I (X = N, R, R1, R2 = Me, Ph, substituted phenyl, R3 = H, Me, Ph, 4-MeOC6H4; X = CH, R = R1 = Me, Ph, 4-MeC6H4, R2 = R3 = H, Me, Ph, substituted phenyl) show that these compds. form only OH tautomers in nonpolar solvents and in the cryst. state. They are stabilized by a strong intramol. H bond in an 8-membered ring. The IR and NMR spectra show that they exhibit a sym. structure. The H bond has a double min. potential. Alteration of the symmetry of substitution in 1- and 1'-positions markedly influences the signal of the OH proton.

IT **61466-09-9 61466-10-2**
RL: PRP (Properties)
(NMR and IR spectrum of)

RN 61466-09-9 CAPLUS

CN 3H-Pyrazol-3-one, 2,4-dihydro-4-[(5-hydroxy-1-methyl-3-phenyl-1H-pyrazol-4-yl)methylene]-2-methyl-5-phenyl-, (Z)- (9CI) (CA INDEX NAME)

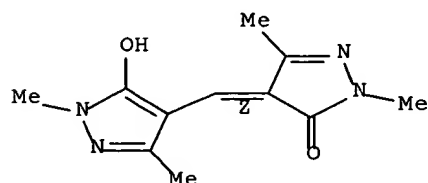
Double bond geometry as shown.



RN 61466-10-2 CAPLUS

CN 3H-Pyrazol-3-one, 2,4-dihydro-4-[(5-hydroxy-1,3-dimethyl-1H-pyrazol-4-yl)methylene]-2,5-dimethyl-, (Z)- (9CI) (CA INDEX NAME)

Double bond geometry as shown.

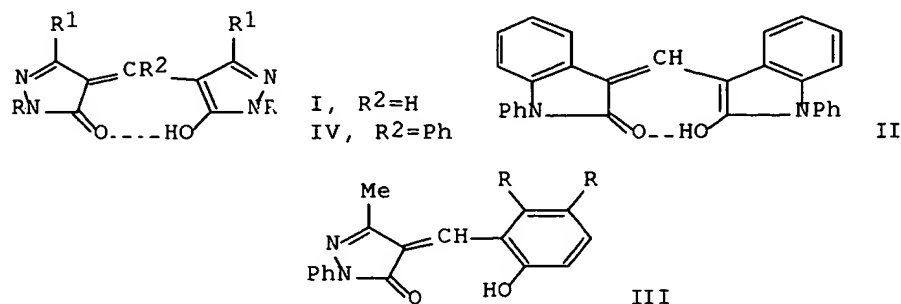


L4 ANSWER 177 OF 190 CAPLUS COPYRIGHT 2001 ACS

AN 1977:55336 CAPLUS

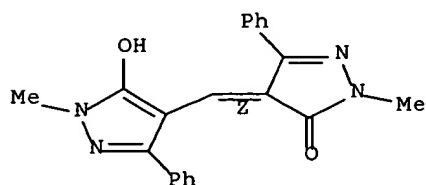
DN 86:55336

TI 4-(5-Hydroxy-4-pyrazolylimino)-2-pyrazolin-5-ones and their metal
 chelates, II. 4-(5-Hydroxy-4-pyrazolylmethylene)-2-pyrazolin-5-ones and
 related compounds
 AU Haensel, Wolfram
 CS Pharm. Inst., Univ. Freiburg/Br., Freiburg/Br., Ger.
 SO Justus Liebig's Ann. Chem. (1976), (9), 1680-8
 CODEN: JLACBF
 DT Journal
 LA German
 GI



AB (Pyrazolylmethylene)pyrazolinones I (R = Ph, R¹ = H, Me, Ph, 4-MeOC₆H₄,
 4-O₂NC₆H₄; R = 4-MeC₆H₄, 4-O₂NC₆H₄, R¹ = Me; R = Me, R¹ = Ph, Me) were
 prep'd. in 49-94% yields by condensing the corresponding 2-pyrazolin-5-
 ones
 with HC(OEt)₃, except for I (R = 4-O₂NC₆H₄, R¹ = Me), where HCONH₂ was
 used. Similarly prep'd. were 1.7% (indolinylmethylene)indolinone II from
 the indolinone and HCONH₂ and 6.9 and 6.7% pyrazolinones III (R = H, RR
 =
 CH:CHCH:CH) from 3,4,2-R²(OCH)₂C₆H₂OH and 3-methyl-1-phenyl-2-pyrazolin-
 5-
 one. I-IV exists as (Z)-s-cis isomers with chelated H bonds in an
 8-membered ring.
 IT **61466-09-9P 61466-10-2P**
 RL: SPN (Synthetic preparation); PREP (Preparation)
 (prepn. and isomerism of)
 RN 61466-09-9 CAPLUS
 CN 3H-Pyrazol-3-one, 2,4-dihydro-4-[(5-hydroxy-1-methyl-3-phenyl-1H-
 pyrazol-4-
 yl)methylene]-2-methyl-5-phenyl-, (Z)- (9CI) (CA INDEX NAME)

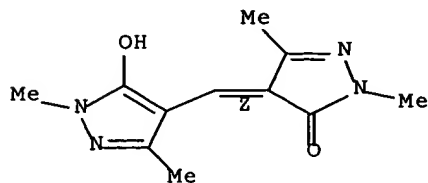
Double bond geometry as shown.



RN 61466-10-2 CAPLUS

CN 3H-Pyrazol-3-one, 2,4-dihydro-4-[(5-hydroxy-1,3-dimethyl-1H-pyrazol-4-yl)methylene]-2,5-dimethyl-, (Z)- (9CI) (CA INDEX NAME)

Double bond geometry as shown.



L4 ANSWER 178 OF 190 CAPLUS COPYRIGHT 2001 ACS

AN 1977:44773 CAPLUS

DN 86:44773

TI Methine dyes of the oxonol type

PA Kodak-Pathe, Fr.

SO Fr. Demande, 12 pp.

CODEN: FRXXBL

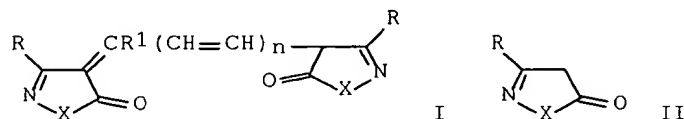
DT Patent

LA French

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	FR 2291256	A1	19760611	FR 1974-37513	19741114
	FR 2291256	B1	19781124		

GI



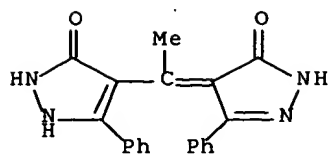
AB Sym. oxonols (I, R = Me, Ph; R1 = H, Me; X = substituted anilino, NH, PhNH, O; n = 0, 1) and related compds., useful as antihalation and filter dyes, were manufd. in .apprx.80% yield by refluxing II (R and X defined as in I) with HC(OEt)3, MeC(OEt)3, or 1,3,3-trimethoxyethoxypropane in dimethylacetamide [127-19-5] or DMF [68-12-2].

IT 58376-79-7P

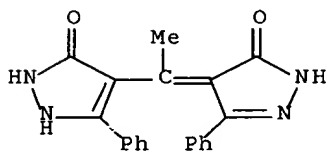
RL: IMF (Industrial manufacture); PREP (Preparation) (prepn. of)

RN 58376-79-7 CAPLUS

CN 3H-Pyrazol-3-one, 4-[1-(2,3-dihydro-3-oxo-5-phenyl-4H-pyrazol-4-ylidene)ethyl]-1,2-dihydro-5-phenyl- (9CI) (CA INDEX NAME)



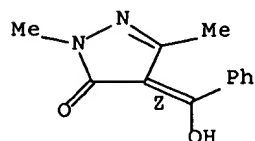
L4 ANSWER 179 OF 190 CAPLUS COPYRIGHT 2001 ACS
 AN 1976:91622 CAPLUS
 DN 84:91622
 TI New process for preparing oxonol methine dyes
 AU Baralle, Roger M.
 CS Engl.
 SO Res. Discl. (1975), 140, 11-14
 CODEN: RSDSBB
 DT Journal
 LA English
 AB Salt-free monomethine, trimethine, and meso-substituted sym. oxonol dyes, useful as filter and antihalation dyes, are prepd. by condensing a pyrazolone or a thiobarbituric acid deriv. with an orthoester or a tetraalkoxypropane in dimethylacetamide [127-19-5] or DMF [68-12-2].
 IT **58376-79-7P**
 RL: SPN (Synthetic preparation); PREP (Preparation) (prepn. of)
 RN 58376-79-7 CAPLUS
 CN 3H-Pyrazol-3-one, 4-[1-(2,3-dihydro-3-oxo-5-phenyl-4H-pyrazol-4-ylidene)ethyl]-1,2-dihydro-5-phenyl- (9CI) (CA INDEX NAME)



L4 ANSWER 180 OF 190 CAPLUS COPYRIGHT 2001 ACS
 AN 1973:97531 CAPLUS
 DN 78:97531
 TI Hydrogenation of 2-isoxazolin-5-ones
 AU Mueller, Werner; Kraatz, Udo; Korte, Friedhelm
 CS Org.-Chem. Inst., Univ. Bonn, Bonn, Ger.
 SO Chem. Ber. (1973), 106(1), 332-8
 CODEN: CHBEAM
 DT Journal
 LA German
 GI For diagram(s), see printed CA Issue.
 AB Hydrogenation of the title compds. (I, R = Me or Ph; R1 = H or Et; II, R2, R3 = H or Me; and III, R2 = Me or Ph) over Pd-C gave Ph(H2N)C:C(COR)CO2H.
 Hydrogenation of II gave the diazepines IV. Similarly, III (R2 = Ph) and

III (R2 = Me) gave the pyrazole derivs. V and VI, resp.
 IT **40030-37-3P**
 RL: SPN (Synthetic preparation); PREP (Preparation)
 (prepn. of)
 RN 40030-37-3 CAPLUS
 CN 3H-Pyrazol-3-one, 2,4-dihydro-4-(hydroxyphenylmethylene)-2,5-dimethyl-,
 (4Z)- (9CI) (CA INDEX NAME)

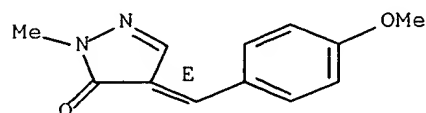
Double bond geometry as shown.



L4 ANSWER 181 OF 190 CAPLUS COPYRIGHT 2001 ACS
 AN 1972:153119 CAPLUS
 DN 76:153119
 TI NMR study of stereoisomerism in 4-arylideneisoxazolin-5-ones and
 -pyrazolin-5-ones
 AU Maquestiau, A.; Van Haverbeke, Y.; Muller, R. N.
 CS Fac. Sci., Univ. Etat Mons, Mons, Belg.
 SO Tetrahedron Lett. (1972), (12), 1147-50
 CODEN: TELEAY
 DT Journal
 LA French
 GI For diagram(s), see printed CA Issue.
 AB The E isomer (E-I) of 4-benzylidene-2-isoxazolin-5-ones and
 -2-pyrazolin-5-ones is favored when a 3-H atom is present (R = H). The
 peak of the vinylic H atom (R1 = H) is at .apprx.2.5 ppm for the Z
 conformer (Z-I). A series of 13 I (Q = 0, NMe, NC6-H4Cl-p; R = H,
 alkyl,
 Ph; R1 = H, Me, Ph; Ar = Ph, p-anisyl, o-tolyl) is studied, and all but
 2
 compds. are stereochem. pure.

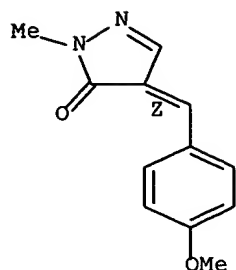
IT **36298-53-0 36298-54-1 36298-63-2**
 RL: PRP (Properties)
 (NMR of)
 RN 36298-53-0 CAPLUS
 CN 3H-Pyrazol-3-one, 2,4-dihydro-4-[(4-methoxyphenyl)methylene]-2-methyl-,
 (E)- (9CI) (CA INDEX NAME)

Double bond geometry as shown.



RN 36298-54-1 CAPLUS
 CN 3H-Pyrazol-3-one, 2,4-dihydro-4-[(4-methoxyphenyl)methylene]-2-methyl-,
 (Z)- (9CI) (CA INDEX NAME)

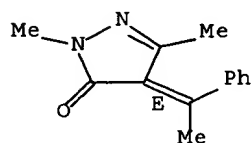
Double bond geometry as shown.



RN 36298-63-2 CAPLUS

CN 3H-Pyrazol-3-one, 2,4-dihydro-2,5-dimethyl-4-(1-phenylethylidene)-, (E)-
(9CI) (CA INDEX NAME)

Double bond geometry as shown.



L4 ANSWER 182 OF 190 CAPLUS COPYRIGHT 2001 ACS

AN 1971:420282 CAPLUS

DN 75:20282

TI Heterocyclic compounds from lactones, lactams, and thiolactones. XI.
Transformation of 4-acyl-1,2-oxazolin-5-ones into the corresponding
4-acylpyrazolin-5-ones

AU Wamhoff, Heibrich; Schramm, Dieter; Korte, Friedhelm

CS Org.-Chem. Inst., Univ. Bonn, Bonn, Ger.

SO Synthesis (1971), (4), 216-17

CODEN: SYNTBF

DT Journal

LA English

GI For diagram(s), see printed CA Issue.

AB 4-(1-Hydroxyalkylidene)-2-pyrazolin-5-ones (I) (R = H, Me, Ph; R2 = Me,
Ph; R3 = H, Ph) are prepd. from 4-acyl-.DELTA.2-1,2-oxazolin-5-ones
(II).

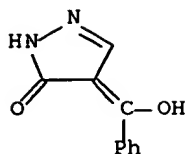
III are intermediates. Thus, II are treated with hydrazine sulfate or
PhNHNH2 in the presence of NaOEt to give I (R2 = H, Ph). NMR spectral
data are given.

IT 33064-03-8P 33064-06-1P 33064-08-3P

RL: SPN (Synthetic preparation); PREP (Preparation)
(prepn. of)

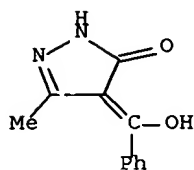
RN 33064-03-8 CAPLUS

CN 2-Pyrazolin-5-one, 4-(.alpha.-hydroxybenzylidene)- (8CI) (CA INDEX
NAME)



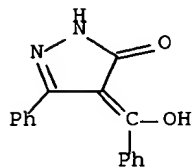
RN 33064-06-1 CAPLUS

CN 2-Pyrazolin-5-one, 4-(.alpha.-hydroxybenzylidene)-3-methyl- (8CI) (CA INDEX NAME)



RN 33064-08-3 CAPLUS

CN 2-Pyrazolin-5-one, 4-(.alpha.-hydroxybenzylidene)-3-phenyl- (8CI) (CA INDEX NAME)



L4 ANSWER 183 OF 190 CAPLUS COPYRIGHT 2001 ACS

AN 1970:521623 CAPLUS

DN 73:121623

TI Light stable colorants and ultraviolet inhibitors for plastics

IN Harris, Raymond Clement; Newland, Gordon C.

PA Eastman Kodak Co.

SO U.S., 6 pp.

CODEN: USXXAM

DT Patent

LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 3531479	A	19700929	US 1968-757089	19680903

GI For diagram(s), see printed CA Issue.

AB Light-stable yellow and orange pigments with the structure I, where R and

4- R1 are H, Me, Ph, or iso-Bu, are prep'd. by treating 5-oxo-2-pyrazoline-

carboxaldehydes with 3-amino-5-oxo-2-pyrazolines. A mixt. of 4.04 g 3-methyl-5-oxo-1-phenyl-2-pyrazoline - 4-carboxaldehyde and 1.75 g

3-amino-5-oxo-1-phenyl-2-pyrazoline was added to 10 ml Me Cellosolve and

the soln. was heated on a steam bath for 2 hr. The soln. was slowly cooled to room temp., chilled, and filtered to give 87% yield I (R = Ph, R1 = Me). Addnl. I similarly prepd. included R = Ph, R1 = H; R = H, R1

=

Me; R = H, R1 = iso-Bu; R = R1 = Ph. When polypropylene film contg. 5%

I

(R = Ph, R1 = Me) was artificially weathered in a Weather-Ometer modified

with sunlamps, the film did not change color on exposure and had a stability rating of 50. The stability rating was detd. by comparing the exposure time required to embrittle stabilized film with that required

for

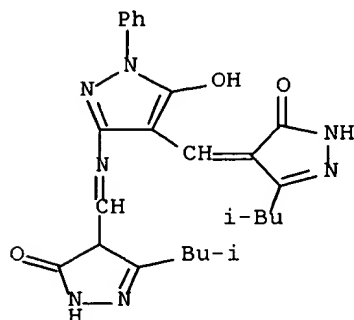
unstabilized film.

IT **29971-85-5P**

RL: SPN (Synthetic preparation); PREP (Preparation)
(prepn. of)

RN 29971-85-5 CAPLUS

CN 2-Pyrazolin-5-one, 4-[N-[5-hydroxy-4-[(3-isobutyl-5-oxo-2-pyrazolin-4-ylidene)methyl]-1-phenyl-2-pyrazolin-3-yl]formimidoyl]-3-isobutyl- (8CI)
(CA INDEX NAME)

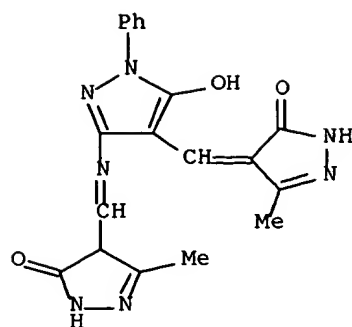


IT **29824-77-9**

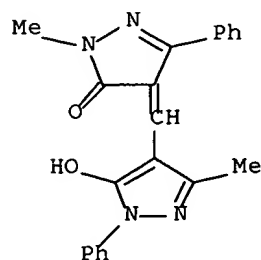
RL: USES (Uses)
(ultraviolet stabilizers, for plastics)

RN 29824-77-9 CAPLUS

CN 2-Pyrazolin-5-one, 4-[N-[5-hydroxy-4-[(3-methyl-5-oxo-2-pyrazolin-4-ylidene)methyl]-1-phenyl-2-pyrazolin-3-yl]formimidoyl]-3-methyl- (8CI)
(CA INDEX NAME)

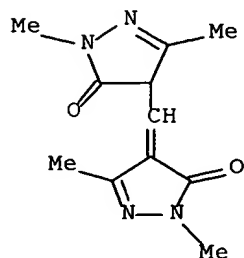


L4 ANSWER 184 OF 190 CAPLUS COPYRIGHT 2001 ACS
 AN 1970:489127 CAPLUS
 DN 73:89127
 TI Merocyanines derived from 3-methylbenzo(f)quinoline
 AU Jesthi, P. K.; Rout, Mahendra K.
 CS Dep. Chem., Utkal Univ., Bhubaneswar, India
 SO J. Indian Chem. Soc. (1970), 47(5), 419-22
 CODEN: JICSAH
 DT Journal
 LA English
 AB A number of merocarbo- and merodicarbocyanines derived from
 3-methylbenzo[f]quinoline as the fixed basic nucleus and oxazolone,
 thiazolone, pyrazolone, thiobarbituric acid, and rhodanine as the
 variable
 acidic component are described. The deviations in their absorption max.
 were calcd. and with the help of the deviation data, the relative
 acidities of the various acidic nuclei used were detd. Sensitizing
 properties of some of the above merocyanines were also evaluated.
 IT **29065-79-0**
 RL: PROC (Process)
 (absorption of)
 RN 29065-79-0 CAPLUS
 CN 2-Pyrazolin-5-one, 4-[(5-hydroxy-3-methyl-1-phenylpyrazol-4-
 yl)methylene]-
 1-methyl-3-phenyl- (8CI) (CA INDEX NAME)

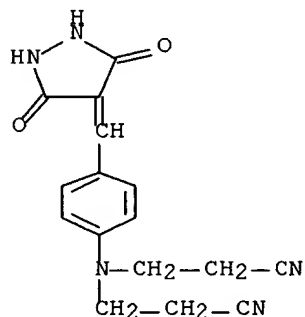


L4 ANSWER 185 OF 190 CAPLUS COPYRIGHT 2001 ACS
 AN 1970:403844 CAPLUS

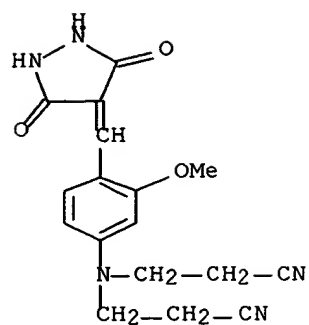
DN 73:3844
 TI Synthesis and reactions of chloropyrazole aldehydes
 AU Porai-Koshits, B. A.; Kvitko, I. Ya.; Shutkova, E. A.
 CS Leningrad. Tekhnol. Inst. im. Lensoveta, Leningrad, USSR
 SO Khim.-Farm. Zh. (1970), 4(3), 19-24
 CODEN: KHFZAN
 DT Journal
 LA Russian
 GI For diagram(s), see printed CA Issue.
 AB A series of I and II was prepd. A cold (0-5.degree.) mixt. of 17.5 g DMF, 71.2 g POCl₃, and 22.4 g I (R = H) (III) was slowly heated to 80.degree., then heated 8 hr at 80.degree. to yield 70% II (R₁ = H, R₂ = Cl) (IV), m. 78-9.degree. (petroleum ether). Analogously, 60% 5-chloro-1-methyl-3-phenyl-pyrazole-4-carboxaldehyde, m. 63.degree. (EtOH), was prepd. A cold mixt. of 1.75 g DMF, 3.3 g POCl₃, and 2.24 g III was slowly heated to 40.degree. and kept 3 hr at 40.degree. to give 27% IV and 35.7% I (R = CHO) (V), m. 174-5.degree. (decompn.). Reaction of V with amines yielded, e.g. 83.3% I (R = Me₂NCH₂), m. 126-8.degree.. Oxidn. of IV with alk. KMnO₄ gave 80% II (R₁ = OH, R₂ = Cl) (VI), m. 197-8.degree. (dil. AcOH). Treatment of VI with SOCl₂ yielded 67% II (R₁ = R₂ = Cl) (VII), m. 49.degree. (petroleum ether). A mixt. of 0.01 mole VII and 0.1 mole appropriate reagent was heated 10 hr on a water bath to yield 75.2% II (R₁ = MeO, R₂ = Cl), m. 39.degree. (petroleum ether), 55% II [R₁ = Et₂N(CH₂)₂O, R₂ = Cl], 52.1% II [R₁ = Et₂N(CH₂)₂S, R₂ = Cl], and 80% II (R₁ = NH₂NH, R₂ = Cl), m. 154-5.degree. (decompn.). Other II (R₁ = H, R₂ = Me₂N, piperidino, morpholino, MeO, Et₂NCH₂CH₂O, and Et₂NCH₂CH₂S) were prepd. Derivs. of many of these were prepd. and characterized.
 IT **27006-78-6P**
 RL: SPN (Synthetic preparation); PREP (Preparation) (prepn. of)
 RN 27006-78-6 CAPLUS
 CN 3H-Pyrazol-3-one, 4-[(1,5-dihydro-1,3-dimethyl-5-oxo-4H-pyrazol-4-ylidene)methyl]-2,4-dihydro-2,5-dimethyl- (9CI) (CA INDEX NAME)



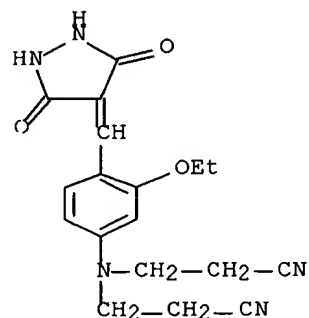
DN 72:78584
 TI Chemistry of bis(2-cyanoethyl) derivatives of some aromatic amines. V.
 Preparation of some new tertiary aminobenzaldehydes and a study of some
 of their reactions
 AU Jolly, V. S.; Ittyerah, P. I.
 CS Chem. Lab., St. John's Coll., Agra, India
 SO J. Indian Chem. Soc. (1969), 46(11), 997-1002
 CODEN: JICSAH
 DT Journal
 LA English
 AB 4-[N,N-bis(2-cyanoethyl)amino]-2-ethoxy- and 2,6-
 (dimethylamino)benzaldehydes have been prepd. for the first time. Some
 of the reactions of these aldehydes and also of 4-[N,N-bis-(2-
 cyanoethyl)amino]-2-methoxy- and 2-methylbenzaldehydes have been
 studied.
 p-[N-Methyl-N-(2'-cyanoethyl)amino]benzaldehyde which has so far been
 known through some of its derivs. has now been isolated in the pure form.
 IT **19500-49-3P 28006-74-8P 28006-77-1P**
 RL: SPN (Synthetic preparation); PREP (Preparation)
 (prepn. of)
 RN 19500-49-3 CAPLUS
 CN Propionitrile, 3,3'-[[.alpha.-(3,5-dioxo-4-pyrazolidinyldene)-p-
 tolyl]imino]di- (8CI) (CA INDEX NAME)



RN 28006-74-8 CAPLUS
 CN Propionitrile, 3,3'-[[.alpha.-(3,5-dioxo-4-pyrazolidinyldene)-3-
 methoxy-p-
 tolyl]imino]di- (8CI) (CA INDEX NAME)



RN 28006-77-1 CAPLUS
 CN Propionitrile, 3,3'-[[.alpha.-(3,5-dioxo-4-pyrazolidinyldene)-3-ethoxy-
 F- tolyl]imino]di- (8CI) (CA INDEX NAME)



L4 ANSWER 187 OF 190 CAPLUS COPYRIGHT 2001 ACS
 AN 1969:431352 CAPLUS
 DN 71:31352
 TI Pyrazolone monomethine merocyanine dyes
 IN Weissel, Oskar; Raue, Roderich; Psaar, Hubertus
 PA Farbenfabriken Bayer A.-G.
 SO U.S., 4 pp.
 CODEN: USXXAM

DT Patent
 LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 3441563	A	19690429	US 1965-427205	19650105
PRAI	DE 1958-F27222		19581212		
	DE 1958-F27223		19581212		

GI For diagram(s), see printed CA Issue.

AB The title compds. having the general formulas I, II, and III, are photosensitizers and filter dyes. Thus, a mixt. of 10.1 parts 1-phenyl-3-methyl-4-formyl-5-pyrazolone (IV), 6.55 parts 2-methylindole, and 30 vols. Ac2O was refluxed 10 min. and cooled to give 10.6 parts I

(R1

= H, R2 = Me), dark red crystals, m. 214-17.degree.. Similarly were prepd.: I (R1 = Me, R2 = Ph), red, m. 198-201.degree.. II (Z = CONHCONHCO), yellow m. 308-10.degree. (HCONMe2-H2O); II (Z = CON:NC(OH):CH), m. 222-8.degree.. The following III were also prepd.

(R1

= R3 = Me, R2 and m.p. given): Ph, 176-7.degree. (yellow); 4-MeC6H4, 188-94.degree.; H, 262-3.degree.; 2-MeOC6H4, 205-7.degree.; 2,5-Cl2C6H3, 225-8.degree.; 4-O2NC6H4, 278-80.degree.; 3-HO2CC6H4, 224-6.degree.; 4-H2NC6H4, 227-9.degree.; 2-sulfoneaminophenyl (sic), 286-8.degree.; 3-methylsulfenylaminophenyl (?), 189-95.degree.; 3-phenylsulfenylaminophenyl (?), 200-2.degree.; 3-ethylsulfenylphenyl (?), 245-

7.degree.,

2-methoxy-5-ethylsulfenylphenyl (?), 179-86.degree.; 4-HO3SNH-C6H4, 277-9.degree.; 2,6,4-ClMe(HO3SNH)C6H2, 276-8.degree.; 2,5-Me-

(HO3SNH)C6H3,

221-7.degree.; 2,2,6,3-Me2(HO3SNH)C6H2, 249-55.degree.. The following

III

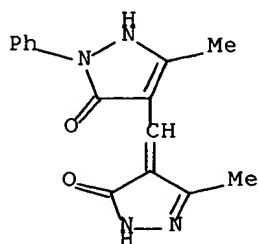
were prepd. (R1-R3 and m.p. given): Me, Ph, H2NCO, 270-3.degree.; HO2C, Ph, Me, 227-9.degree.; HO2C, H, Me, 245-7.degree.; Me, Ph, 4-MeOC6H4, 208-10.degree. (yellow). Using 1-phenyl-3-carbethoxy-4-[(dimethylamino)methylene]-5-pyrazolone instead of IV, the following III were prepd. (R1 = CO2Et; R2, R3, and m.p. given): 4-MeC6H4, Me, 193-5.degree.; Ph, Me, 157-65.degree.; H, Me, 196-8.degree.; 3-HO2CC6H4, Me, 295-9.degree.; Ph, H2NCO, 175-276.degree. (sic); HO3SNHC6H4, Me, 206-8.degree.; H, 3-MeOC6H4, 204-6.degree.. Also prepd. was a product, m. 266-8.degree., formed by the reaction of 5-methyl-4-formyl-5-pyrazolone (sic) with 1-(2-methoxyphenyl)-3-methyl-5-pyrazolone.

IT **23468-57-7P 23468-74-8P**

RL: IMF (Industrial manufacture); PREP (Preparation)
(prepn. of)

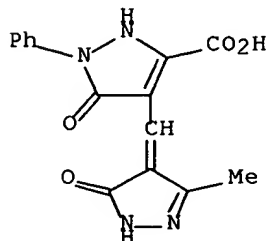
RN 23468-57-7 CAPLUS

CN 2-Pyrazolin-5-one, 3-methyl-4-[(3-methyl-5-oxo-1-phenyl-3-pyrazolin-4-yl)methylene]- (8CI) (CA INDEX NAME)

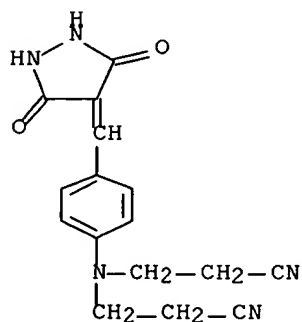


RN 23468-74-8 CAPLUS

CN 3-Pyrazoline-3-carboxylic acid, 4-[(3-methyl-5-oxo-2-pyrazolin-4-ylidene)methyl]-5-oxo-1-phenyl- (8CI) (CA INDEX NAME)

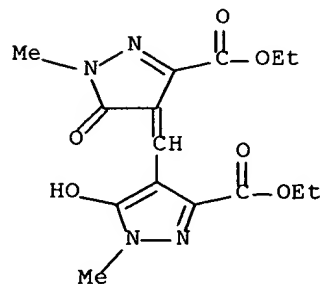


L4 ANSWER 188 OF 190 CAPLUS COPYRIGHT 2001 ACS
 AN 1968:467274 CAPLUS
 DN 69:67274
 TI Chemistry of bis(2-cyanoethyl) derivatives of some aromatic amines.
 III. Further reactions of p-[bis(2-cyanoethyl)amino]benzaldehyde
 AU Asthana, B. P.; Ittyerah, P. I.
 CS St. John's Coll., Agra, India
 SO J. Indian Chem. Soc. (1968), 45(3), 232-6
 CODEN: JICSAH
 DT Journal
 LA English
 AB p-[Bis(2-cyanoethyl)amino]benzaldehyde (I) is condensed with
 cyanoacetamide (II), ethyl acetoacetate, acetophenone (III), rhodanine
 (IV), nitromethane (V), isonicotinic acid hydrazide (VI), hydantoin
 (VII), and thiohydantoin (VIII) under the usual conditions to give the
 following p-[bis(2-cyanoethyl)amino]benzylidene-substituted, products the
 products identified by chem. and phys. methods (reactant, % yield, mp., and
 color given): II, 79.8, 265.degree., -; III, 56.2, 141.degree. (EtOH),
 yellow; IV, 55.6, 243.degree. (Me₂CO), orange; V, 83.3, 211.degree. (AcOH),
 red; VI, 75.3, 225.degree. (EtOH), -; VII, 78, 235.degree. (Me₂CO), yellow;
 VIII, 58.3, 231.degree. (MeOH), red. Also prepd. was 30.5% di-Et p-[bis
 (2-cyanoethyl) amino]benzylidenebis (acetoacetate), m. 172.degree.
 (EtOH). Oxidn. of I yielded p-bis(2-cyanoethyl)amino]benzoic acid, m.
 216.degree. (aq. EtOH). p-[Bis(2-cyanoethyl)amino]benzylidenemalononic acid, m.
 193.degree. (decompn.) (aq. EtOH), and the secondary hydrazide, m.
 220.degree., were prepd. from the malonate. The following
 2-R-substituted-4-[p-[bis(2-cyanoethyl)amino]benzylidene]-5-oxazolones
 were prepd. under the usual conditions (R, m.p., and % yield given): Ph,
 189.degree., 60; styryl, 221.degree., 55.5; o-nitrophenyl, 184.degree.,
 53.8; m-nitrophenyl, 235.degree., 38.5; p-nitrophenyl, 252.degree.,
 57.7; 3,5-dinitrophenyl, 269.degree., 65.2; o-chlorophenyl, 158.degree.,
 39.6; p-chlorophenyl, 240.degree., 50.5; 3,4-methylenedioxyphenyl,
 292.degree., 59.2; p-methoxyphenyl, 248.degree., 62.5. Preliminary expts.
 indicate a use for the rhodanine deriv. as a reagent for Cu, Hg, and Ag and
 the aldehyde itself as a detecting reagent for acyl glycines by paper
 chromatog.
 IT 19500-49-3P
 RL: SPN (Synthetic preparation); PREP (Preparation)
 (prepn. of)
 RN 19500-49-3 CAPLUS
 CN Propionitrile, 3,3'-[[.alpha.-(3,5-dioxo-4-pyrazolidinylidene)-p-
 tolyl]imino]di- (8CI) (CA INDEX NAME)

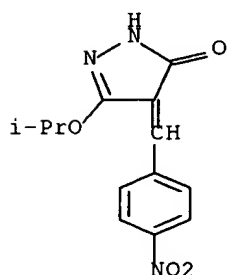


L4 ANSWER 189 OF 190 CAPLUS COPYRIGHT 2001 ACS
 AN 1968:74071 CAPLUS
 DN 68:74071
 TI Mordanted layers for photographic emulsions
 IN Kubodera, Kikuo; Kobayashi, Teruo; Watanabe, Shigeru
 PA Fuji Photo Film Co., Ltd.
 SO Fr., 12 pp.
 CODEN: FRXXAK
 DT Patent
 LA French
 FAN.CNT 1

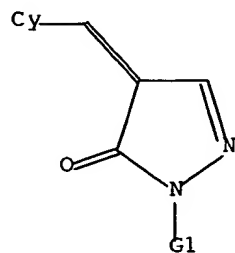
	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	FR 1468094		19670203		
PRAI	JP		19650212		
GI	For diagram(s), see printed CA Issue.				
AB	The tendency of filter layers to diffuse during storage is prevented by the addn. of a mordant either in the same or an adjacent layer. The dyes for the filter layer have the general formula, I, where ring components Y and Z are a carbon chain and (or) a heterocyclic chain which may or may not be substituted, M is H or NR ₁ R ₂ R ₃ , where R ₁ , R ₂ , and R ₃ are alkyl groups or hydroxyalkyl groups, and n = 0, 1, or 2. Mordant examples are poly-N-vinyl-2-pyrrolidone and a copolymer of N-vinyl-2-pyrrolidone. The preferred mordant (added at 5-10% by wt. of the dye, mol. wt. >2500) is a copolymer of vinylpyrrolidone in which the proportion of vinylpyrrolidone in the copolymer is >20% and can be used in either a filter layer, an antiirradn. layer (e.g. uv filter, ir filter, etc.), or in a straightforward Ag halide emulsion layer.				
IT	14700-31-3				
RL:	USES (Uses) (photographic emulsions contg., polymeric mordant layer for)				
RN	14700-31-3 CAPLUS				
CN	2-Pyrazoline-3-carboxylic acid, 4-[(3-carboxy-5-hydroxy-1-methylpyrazol-4-yl)methylene]-1-methyl-5-oxo-, diethyl ester (8CI) (CA INDEX NAME)				



L4 ANSWER 190 OF 190 CAPLUS COPYRIGHT 2001 ACS
 AN 1967:421866 CAPLUS
 DN 67:21866
 TI Thionocarboxylic acid esters. II. Reactions of monothionomalonic acid esters with amino compounds
 AU Barnikow, Guenter; Strickmann, Guenter
 CS Humboldt-Univ., Berlin, Ger.
 SO Chem. Ber. (1967), 100(5), 1661-6
 CODEN: CHBEAM
 DT Journal
 LA German
 GI For diagram(s), see printed CA Issue.
 AB cf. CA 67: 11152k. Monothionomalonic acid esters reacted with 1,2-diamines or with 1-amino-2-hydroxy compds. to give 2-imidazolinyl- and 2-oxazolinylacetic acid esters, resp., and with hydrazine compds. to give 3-alkoxy-5-pyrazolones.. Thus, EtOCSCH₂CO₂Et reacted with (H₂NCH₂)₂, H₂NCH₂CH₂OH or N₂H₄.H₂O to give Et 2-imidazolin-2-ylacetate (II), Et 2-oxazolin-2-ylacetate, or 3-ethoxy- Δ^2 -pyrazol-5-one, resp. Other CH-acid thionocarboxylic acid esters, such as iso-Pr coumarin-3-thionocarboxylate, behaved similarly.
 IT **16105-53-6P**
 RL: SPN (Synthetic preparation); PREP (Preparation)
 (prepn. of)
 RN 16105-53-6 CAPLUS
 CN 2-Pyrazolin-5-one, 3-isopropoxy-4-(p-nitrobenzylidene)- (8CI) (CA INDEX NAME)



=> d l1; d his; log y
L1 HAS NO ANSWERS
L1 STR



G1 H, Me

Structure attributes must be viewed using STN Express query preparation.

(FILE 'REGISTRY' ENTERED AT 15:51:22 ON 08 NOV 2001)
DEL HIS Y

FILE 'STNGUIDE' ENTERED AT 15:52:08 ON 08 NOV 2001

FILE 'REGISTRY' ENTERED AT 15:52:56 ON 08 NOV 2001

L1 STRUCTURE UPLOADED

L2 16 S L1

L3 1962 S L1 FUL

FILE 'CAPLUS' ENTERED AT 15:55:11 ON 08 NOV 2001

L4 190 S L3

L5 137 S L4 AND (INLOL? OR IMIDAZOL? OR TRIAZOL? OR INDAZO? OR
PYRID?

FILE 'STNGUIDE' ENTERED AT 15:58:34 ON 08 NOV 2001

FILE 'REGISTRY' ENTERED AT 16:00:39 ON 08 NOV 2001

L6 STRUCTURE UPLOADED

L7 50 S L6 SAM SUB=L3

L8 1962 S L6 FUL SUB=L3

FILE 'CAPLUS' ENTERED AT 16:02:23 ON 08 NOV 2001

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	816.05	1007.14
DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE ENTRY	TOTAL SESSION
CA SUBSCRIBER PRICE	-112.90	-112.90

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